भारत सरकार

अंतरिक्ष उपयोग केंद्र

अहमदाबाद-380 015

Government of India

Space Applications Centre

Ahmedabad -380 015

निविदा सूचना सं. सैक/पीटी/01**/2013-14**

Tender Notice No. SAC/PT/01/2013-14

Dt. : 09.04.2013

भारत के राष्ट्रपति की ओर से प्रधान, क्रय एवं भंडार, अंतरिक्ष उपयोग केंद्र, अहमदाबाद निम्नलिखित के लिए मोहरबंद निविदाएं आमंत्रित करते हैं:

For and on behalf of the President of India, Head, Purchase & Stores, Space Applications Centre, Ahmedabad invites sealed tenders for the following:

क्र.सं. SN	निविदा नं. Tender No.	संक्षिप्त विवरण Brief Description	नियत तिथि (अपराह्न 3 बजे तक) Due on (up to 3 pm)
1.	AHSG 2012002992	Micro Hardness Tester	06.05.2013
2.	AHMR 2011000899	140-220 GHz Wave Guide Programmable Rotory Van Attenuator	06.05.2013
3.	AHSA 2012003060	Data Acquisition and Recording System **(TWO PART TENDER)**	06.05.2013
4.	AHSE 2012002362	Micro-D Connectors **(TWO PART TENDER)**	06.05.2013
5.	AHAD 2012003159	Rate Contract for Hiring of engineering Maintenance Services for one year.	06.05.2013

निविदा दस्तावेज क्रय प्रभाग, सैक से प्राप्त किए जा सकते हैं तथा ये इसरो की वेबसाइट **www.isro.gov.in** पर भी उपलब्ध हैं । इच्छुक निविदाकार इसे वेवबसाइट से डाउनलोड कर सकते हैं तथा अपने प्रस्ताव **रू. 200/- प्रत्येक** (रेखांकित डिमांड ड्राफ्ट के रूप में) के निविदा शुल्क के साथ प्रस्तुत करें । अपना प्रस्ताव प्रस्तुत करते समय लिफाफे के ऊपरी भाग पर निविदा सं. तथा नियत तिथि लिखें । यदि दस्तावेज डाक द्वारा मंगाए जा रहे हैं तो निम्न बातों को नोट करें:

Tender documents can be bought from the Purchase Division, SAC and are also available on ISRO website **www.isro.gov.in.** Interested tenderers may download the same from the website and submit their offer along with Tender fee of **Rs. 200/-each** (In the form of Crossed Demand Draft). While submitting your offer superscribe Tender No., and due date on the envelope. If the documents are requisitioned by post, the following points shall be noted:-

1) निविदा दस्तावेज मंगाने के लिए/भेजे जा रहे निवेदन पत्र पर निविदा सूचना संख्या तथा निविदा संख्या दोनों लिखी जाएं तथा **निविदा शुल्क रू.200/ प्रत्येक** (किसी भी राष्ट्रीयकृत बैंक द्वारा जारी रेखांकित डिमांड ड्राफ्ट के रूप में) के साथ मात्र क्रय एवं भंडार अधिकारी, अंतरिक्ष उपयोग केंद्र, अहमदाबाद-380015 को भेजा जाए । 2) जिस लिफाफे में इस प्रकार का निवेदन भेजा जा रहा हो उसके ऊपरी भाग पर "निविदा दस्तावेजों के लिए अनुरोध" लिखा

जाए । प्रत्येक निविदा दस्तावेज के लिए अलग निवेदन पत्र एवं अलग डिमाण्ड ड्राफ्ट भेजा जाए । 3) निविदा शुल्क (अप्रतिदेय) का भुगतान रेखांकित डिमाण्ड ड्राफ्ट (मात्र एमआईसीआर डीडी) के रूप में किया जाए जो अहमदाबाद में देय हो तथा वह मात्र लेखा अधिकारी, सैक अहमदाबाद-380015 के नाम पर लिया जाए । 4) डिमाण्ड ड्राफ्ट के पीछे विक्रेता का नाम एवं निविदा संख्या दर्ज होनी चाहिए । 5) नियत तिथि बढाए जाने के निवेदन पर कोई विचार नहीं किया जाएगा । 6) डाक द्वारा निविदा दस्तावेज की बिक्री नियत तिथि से 10 दिन पूर्व बंद कर दी जाएगी । 7) यदि विक्रेता व्यक्तिगत रूप से आकर निविदा दस्तावेज प्राप्त करना चाहते हैं, तो वे नियत तिथि से एक दिन पूर्व तक क्रय प्रभाग (बिल्डिंग नं. 30-ए, कमरा नं. 57) में किसी भी कार्य दिवस पर 1400 से 1600 बजे के बीच संपर्क करें । 8) मोहरबंद प्रस्ताव प्राप्ति की समय सीमा प्रत्येक निविदा के सामने निर्दिष्ट नियत तिथि को अपराह्न 3.00 बजे तक रहेगी। 9) अंतिम समय सीमा से पूर्व प्राप्त बोलियाँ उपस्थिति निविदाकारों/उनके द्वारा प्राधिकृत प्रतिनिधियों की उपस्थिति में उसी दिन अपराह्न 3.30 बजे खोली जाएंगी । 10) ऊपर निर्दिष्ट तिथि को यदि छुट्टी घोषित की जाती है तो सैक का अगला कार्य दिवस निविदाओं की प्राप्ति एवं खोलने के लिए नियत तिथि माना जाएगा। 11) विलंब/देरी से प्राप्त प्रस्ताव स्वीकृत नहीं किए जाएंगे ।

1) Request letter shall be sent for requisitioning tender documents indicating tender notice number and tender number together with **tender fee Rs. 200/- each** (In the form of Crossed Demand Draft issued by any Nationalized Bank) to the Purchase and Stores Officer, Space Applications Centre, Ahmedabad - 380 015 only. 2) The Envelope containing such request shall be super-scribed with 'REQUEST FOR TENDER DOCUMENTS'. Separate request letter and separate Demand Draft shall be sent for each tender document. 3) The tender fees (non refundable) shall be paid in the form of CROSSED DEMAND DRAFT (MICR DD ONLY) payable at AHMEDABAD in favour of The ACCOUNTS OFFICER, SAC, Ahmedabad - 380 015 only. 4) Vendor name and tender number shall be indicated on the reverse side of the Demand Draft. 5) No request for extension of the due date will be considered. 6) The sale of the tender documents through POST shall be closed 10 days prior to due date. 7) In case vendors desire to collect the tender document in person, they may contact Purchase Division (Bldg. No. 30-A, Room No. 57) on any working day between 1400 to 1600 hrs up to one day before the due date. 8) Deadline for the receipt of the sealed offers shall be up to 3.00 P.M. on the due date mentioned against individual tender. 9) Bids received before the deadline shall be opened in the presence of attending tenderers/their authorized representatives on the same day at 3. 30 P.M. 10) In the event any date indicated above is declared as holiday, the next working day at SAC shall be considered as the due date for receiving & opening of tenders. 11) Late/Delayed offers will not be accepted.

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VENDOR REGISTRATION WITH E-PROCUREMENT PORTAL

ISRO is in the process of deploying e-procurement portal for carrying out procurement activities electronically. ISRO's e-procurement portal is made available with URL https://eprocure.isro.gov.in, which is accessible through Internet. This site is operational.

To participate in ISRO's tenders through e-procurement mode, Vendors are requested to register themselves with ISRO's e-procurement portal (Vendor registration process). The pre-requisites required for Vendor registration is Digital Certificate and Company email id for the authorized person. The Vendor registration process consists of 2 major steps namely, Registration and Empanelment.

For Public Tenders, registration process is mandatory. But Vendor empanelment is not necessary.

For Single Tenders/Limited Tenders, registration process and empanelment are required.

The Vendor empanelment process with respect to Centres/Units of ISRO/DOS is based on the empanelled requests made by the Vendor on the portal and followed by the approval process. Vendor's have to make empanelment request against specific items in which they are dealing in, as available on the site

The Tender enquiry for Limited Tender/Single Tender will be released from the list of empanelled Vendors of the particular Centres/Units of ISRO/DOS. Hence, it is required to get empanelled with Centres/Units of ISRO/DOS separately by the Vendors to obtain the enquiry from the respective Centres.

A log-in to ISRO's e-procurement portal is through a Digital Certificate. The portal is published with pre-requisites & enrollment information and illustrative tutorials on Machine set-up, Vendor registration, Item Empanelment, Tender downloads and Bid Submission. A remote Help Desk is also provided to assist the Vendors and the contact details about Help Desk is provided in the portal.

The portal can be accessed using Internet Explorer Version 6 and above from the Vendor (clients) computer system over the Internet. A few utilities which are required to be installed in the client computer system before using the portal are also suggested in the portal.

It is requested that Vendors may start the registration process with a valid Digital Certificate only to avoid any inconveniences to the Vendors. Vendors are requested to adhere to the guidelines provided in the e-procurement portal for successful registration and empanelment process.

In case of any further clarifications, please contract Upendra S. Gondhalekar, Sr. Purchase & Stores Officer, email upensg@sac.isro.gov.in .

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SPACE APPLICATIONS CENTRE
AHMEDABAD 380 015,INDIA
PURCHASE & STORES

Ph No: 079-2691 3067
Fax 079-2691 5848/02/35

Date :05/04/2013

INVITATION TO TENDER

M/s 000000

Our Ref No : AHSG **2012-002992-01**
Tender Due: 15:00 **Hrs ISTon** 06/05/2013
Opening : 15:30 **Hrs ISTon** 06/05/2013

Dear Sirs,

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues / pamphlets /literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No: As per attached sheet.)

S.No.	Description of Items with Specifications	Unit	Quantity
1	MICRO HARDNESS TESTER, DETAILED SPECIFICATION AS PER ATTACHED SHEET	each	1

DELIVERY AT: SAC-STORES,AHMEDABAD

MODE OF DESPATCH BY AIR FRE

DUTY EXEMPTIONS We are exempted from payment of excise / custom duty.

SPECIAL INSTRUCTIONS NIL

SPECIFIC TERMS As per attached sheet.

INSTRUCTIONS TO TENDERERS:

Note:- Your offer should contain the following:

1] Percentage(%) of agency commission, if any, payable to you should be mentioned in your offer.

2] Guarantee/ warranty period of quoted item.

3] Our standard payment term is sight draft with all bank charges inside India to SAC account and outside India to supplier's account.

4] Please mention our Ref. no. AHSG 201200299201 and SAC/596/DF in your quotation and on envelope.

S. THANUMOORTHY
PUR & STORES OFFICER
For and on behalf of the President of India
The Purchaser

Ref No. : AHSG 2012 00 2992

MQAD-PS-MHTESTER SPECIFICATIONS AND TERMS AND CONDITIONS FOR MICRO HARDNESS TESTER

1.0 Fully automated Micro hardness tester

The basic instrument shall be fully automated and shall have motorized stage, motorized focus control including auto-focus function. It shall be completely configured and calibrated including the PC with TFT Monitor and loaded with interactive measuring software. The system shall include all the necessary hardware/software; which shall offer following operational features.

Sr. no.	Feature	Specification
1.1	Hardness Measurement	In Knoop and Vickers Scales
1.2	Test Load Steps	10,25,50,100,200,300,500 & 1000 gram force
1.3	Selection of Test Load	Motorized selection via computer.
1.4	Loading/dwell/unloading test cycle	Shall be Automatic as per parameters set in PC
1.5	Dwell time	5-99 seconds
1.6	Approach velocity	25 to 60 µm/sec selectable in steps of 5 µm/sec
1.7	Selection of Indenter	Via PC,by Motorized turret
1.8	Turret positions	Two for indenters (Knoop and Vickers) and minimum three for objectives.
1.9	Eye piece magnification	10x
1.10	Vickers Indentor	1 No., With certificate as per ASTM
1.11	Knoop Indentor	1 No., With certificate as per ASTM
1.12	Knoop test block	1 no., with certificate
1.13	Objectives	Total 3 nos., 10x, 50x, 100x with necessary aperture diaphragms.
1.14	Specimen illumination	At least 20 watts, Adjustable intensity to facilitate imaging at 100 to 1000x
1.15	Image viewing	Through eyepiece as well as on PC monitor Through color camera
1.16	Focus finder	Necessary arrangement to facilitate manual as well as auto focus.
1.17	Image capture and grabbing	By high resolution (1280x1024 or better) TV camera with USB interface & frame grabber board.
1.18	Measurement system	Fully automatic-motorized stage, motorized focus control and TV based autofocus.
1.19	Specimen stage	Fully Motorized
1.20	X/Y Travel	50 x 50 mm, controlled by Joystick
1.21	Positioning increment	0.1 µm
1.22	Specimen height available on stage	75 ±5 mm
1.23	Specimen depth from centre of	115±5 mm

Sr. no.	Feature	Specification
	indenter	
1.24	Specimen holding vise	Openable to hold specimen size up to 50 mm, or better.
1.25	Leveling provision	Built-in spirit level & Lockable leveling bolts.
1.26	Joystick server	For X/Y Motion control and focus movement (Z).
1.27	Data entry	Via PC
1.28	Display	Diagonal d1/d2 (µm), Hardness values in HV/HK, Test load (gf), Dwell time (seconds), tolerance judgment. The display resolution shall be 0.01 µm.
1.29	The Hardness measurement	Hardness measurement shall be possible by automatic as well as manual methods.
1.30	The measuring software	Measurement of hardness value shall be software controlled. Automatic data logging and Image processing capability like saving the video images shall be available, and include standard Statistics and Graphic features, data export (to Microsoft EXCEL) & report generation features. The software with inbuilt feature of Conversion among different hardness values in accordance with ASTM E140/ISO18625; shall be preferred.
1.31	PC-Branded (like HP,IBM,DELL etc)	With latest processor and Windows OS available at the time of delivery, 19 inch or bigger TFT LED monitor compatible with display resolution demanded by the measuring software,Capcity of minimum 300GB data storage and RAM of 3-4 GB, Ethernet and USB interfaces
1.32	Power	230 ± 10 Volts,50 Hz AC-Nominal operation.
1.33	Confirmation to standards	Certificates shall be provided for conformance to ASTM-E384, ASTM-E92.

2. Optional features/supplies

2.1 Vickers test block, certified.
2.2 List of available clamping fixtures shall be provided with photographs, and price.
2.3 Spare bulbs.
2.4 Extended warranty for upto three more years wef end of normal warranty.This shall be quoted on per year basis.

3. GENERAL REQUIRMENTS/ TERMS AND CONDITIONS

3.1 The quotation shall essentially include the catalogue from original manufacturer of the equipment which shall clearly show the photograph of the standard configuration of the system and also photographs of all the optional supply/accessories along with manufacturers part numbers for each of them.
3.2 Supply of Branded PC (as specified at para1.31) from local market will be preferred over the PC quoted in FE.
3.3 List of customers with their contact details to whom similar instruments are supplied in ISRO/ India shall be furnished.
3.4 List of other optional accessories along with quotations shall be provided.
3.5 For Quotation from Indian Agent, the letter must be attached which shall confirm that they are authorized Indian representative for the quoted system and model. The Indian representative

shall also give the undertaking that during and after Guarantee the after sales service will be ensured. Free service shall be offered for 01st year.

3.6 The ordered instrument along with all accessories shall be demonstrated to SAC representative before dispatch at Suppliers place/ Indian Agent site at the discretion of SAC.

3.7 The instrument shall be installed, calibrated and all the capabilities demonstrated at our site, and necessary training shall be provided to SAC engineers for minimum one day; free of cost.

3.8 Necessary instruction manual (in English) for operation, calibration and service of the system shall be supplied.

3.9 The system shall be warranted for minimum period of 1 year from the date of installation & acceptance. Extended warranty for three more years after expiry of the normal warranty shall be quoted with separate cost break-up. It shall be ensured that software is valid for minimum 10 years from date of operation of the instrument. Supplier shall specifically mention that All warranty services shall be undertaken by them; in India.

Note: Supplier must submit the compliance table for each of the requirements mentioned in para 1 to 3 (table of compliance attached) of this Annexure-1. Wherever not meeting or exceeding the specifications it should be clearly mentioned, stating reasons in remarks column.

COMPLIANCE TABLE FOR MICRO HARDNESS TESTER					
Sr. No.	**Feature**	**Major Technical Specifications**	**YES**	**NO**	**REMARKS**
1.0	**Fully automated Micro hardness tester**	The basic instrument shall be fully automated and shall have motorized stage, motorized focus control including auto-focus function. It shall be completely configured and calibrated including the PC with TFT Monitor and loaded with interactive measuring software. The system shall include all the necessary hardware/software; which shall offer following operational features.			
1.1	Hardness Measurement	In Knoop and Vickers Scales			
1.2	Test Load Steps	10,25,50,100,200,300,500 & 1000 gram force			
1.3	Selection of Test Load	Motorized selection via computer.			
1.4	Loading/dwell/unloading test cycle	Shall be Automatic as per parameters set in PC			
1.5	Dwell time	5-99 seconds			
1.6	Approach velocity	25 to 60 µm/sec selectable in steps of 5 µm/sec			
1.7	Selection of Indenter	Via PC,by Motorized turret			
1.8	Turret positions	Two for indenters (Knoop and Vickers) and minimum three for objectives.			
1.9	Eye piece magnification	10x			
1.10	Vickers Indentor	1 No., With certificate as per ASTM			
1.11	Knoop Indentor	1 No., With certificate as per ASTM			
1.12	Knoop test block	1 no., with certificate			
1.13	Objectives	Total 3 nos., 10x, 50x, 100x with necessary aperture diaphragms.			
1.14	Specimen illumination	At least 20 watts, Adjustable intensity to facilitate imaging at 100 to 1000x			
1.15	Image viewing	Through eyepiece as well as on PC monitor Through color camera			
1.16	Focus finder	Necessary arrangement to facilitate manual as well as auto focus.			
1.17	Image capture and grabbing	By high resolution (1280x1024 or better) TV camera with USB interface & frame grabber board.			
1.18	Measurement system	Fully automatic-motorized stage, motorized focus control and TV based autofocus.			
1.19	Specimen stage	Fully Motorized			
1.20	X/Y Travel	50 x 50 mm, controlled by Joystick			
1.21	Positioning increment	0.1 µm			

Sr. No.	Feature	Major Technical Specifications	YES	NO	REMARKS
1.22	Specimen height available on stage	75 ±5 mm			
1.23	Specimen depth from centre of indenter	115±5 mm			
1.24	Specimen holding vise	Openable to hold specimen size up to 50 mm, or better.			
1.25	Leveling provision	Built-in spirit level & Lockable leveling bolts.			
1.26	Joystick server	For X/Y Motion control and focus movement (Z).			
1.27	Data entry	Via PC			
1.28	Display	Diagonal d1/d2 (µm), Hardness values in HV/HK, Test load (gf), Dwell time (seconds), tolerance judgment. The display resolution shall be 0.01 µm.			
1.29	The Hardness measurement	Hardness measurement shall be possible by automatic as well as manual methods.			
1.30	The measuring software	Measurement of hardness value shall be software controlled. Automatic data logging and Image processing capability like saving the video images shall be available, and include standard Statistics and Graphic features, data export (to Microsoft EXCEL) & report generation features. The software with inbuilt feature of Conversion among different hardness values in accordance with ASTM E140/ISO18625; shall be preferred.			
1.31	PC-Branded (like HP,IBM,DELL etc)	With latest processor and Windows OS available at the time of delivery, 19 inch or bigger TFT LED monitor compatible with display resolution demanded by the measuring software,Capcity of minimum 300GB data storage and RAM of 3-4 GB, Ethernet and USB interfaces			
1.32	Power	230 ± 10 Volts,50 Hz AC,Nominal operation.			
1.33	Confirmation to standards	Certificates shall be provided for conformance to ASTM-E384, ASTM-E92.			
2.0	**Optional features/supplies**				
2.1	Vickers test block, certified.				
2.2	List of available clamping fixtures shall be provided with photographs, and price.				
2.3	Spare bulbs.				
2.4	Extended warranty for upto three more years wef end of normal warranty.This shall be quoted on per year basis.				

3.0	General requirements/ Terms & Conditions	YES	NO	REMARKS
3.1	The quotation shall essentially include the catalogue from original manufacturer of the equipment which shall clearly show the photograph of the standard configuration of the system and also photographs of all the optional supply/accessories along with manufacturers part numbers for each of them.			
3.2	Has the supplier quoted the Branded PC as per para 1.31 from local market?			
3.3	List of customers with their contact details to whom similar instruments are supplied in ISRO/ India shall be furnished.			
3.4	List of optional accessories along with quotation shall be provided.			
3.5	For Quotation from Indian Agent, the letter must be attached which shall confirm that they are authorized Indian representative for the quoted system and model. The Indian representative shall also give the undertaking that during and after Guarantee the after sales service will be ensured. Free service shall be offered for 1st year.			
3.6	The ordered instrument along with all accessories shall be demonstrated to SAC representative before dispatch at Suppliers place/ Indian Agent site at the discretion of SAC.			
3.7	The instrument shall be installed, calibrated and all the capabilities demonstrated at our site and necessary training shall be provided to SAC engineers for minimum one day;free of cost.			
3.8	Necessary instruction manual (in English) for the operation,calibration and service of the system shall be supplied.			
3.9	The system shall be warranted for minimum period of 1 year from the date of installation & acceptance. Extended warranty for three more years after expiry of the normal warranty shall be quoted with separate cost break-up. It shall be ensured that software is valid for minimum 10 years from date of operation of the instrument. Supplier shall specifically mention that All warranty services shall be undertaken by them; in India.			

COMPLIANCE STATEMENT REQUIRED TO BE FILLED AND ENCLOSED ALONG WITH THE TECHNICAL AND COMMERCIAL BID BY THE VENDOR.

Sr. No.	Commercial terms	Compliance/Remarks/Comments by Vendor
1.	Delivery terms -Ex-works/FOB/ FCA etc.	
1.1	Purchaser is having an air consolidation contract and their freight forwarder will arrange to collect the consignment from your premises/will take the responsibility for onward transmission from the point of delivery as per INCOTERMS 2010. This is applicable for import cases.	
2.	Packing charges inclusive/exclusive.	
3.	Delivery period – in weeks/months	
4.	Payment terms : Our standard term is - Sight Draft (import) /within 30 days from the date of acceptance (indigenous).	
5.	Country of origin – to be declared in the invoice.	
6.	Name and address of the Indian Agent.	
7.	Percentage of agency commission included in the quoted price – payable in Indian Rupees only directly to the Indian Agent.	
8.	Validity of the offer- minimum of 120 days from the date of opening.	
9.	If you are an Indian Agent, please enclose the authorization letter of your Principal and confirm that whether you have enrolled with DGS&D as per rules.	
10.	In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.	
11.	If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.	
12.	Cost of spares included in the price bid not included.	
13.	Will you be able to provide consumables/spares for 10 years?	
14. 14.1 14.2 14.3 14.4 14.5	Taxes and duties : Taxes in India to the account of Purchaser. Outside India to Seller's/Contractor's account. Please indicate your Tax Registration Number. Wherever installation involved, Income Tax @ 2% will be deducted from the bill and a certificate issued. Installation in India will attract Service Tax @ 12.36%. If required, orders for supply and installation can be issued separately. Work order will attract work contract tax as per rules. Please confirm whether you have included WCT in your offer. Customs Duty Exemption Certificate (CDEC) will	

	be issued by Purchaser. Hence no CD is to be included in your offer wherever applicable.	
14.6	Please indicate rate of the Sales Tax/VAT applicable.	
14.7	Octroi Duty/Entry Tax exempted. Exemption certificate will be issued, if required.	
14.8	Purchaser is eligible for full Excise Duty exemption. Excise Duty exemption certificate will be issued.	
15.	No Insurance is required at Purchaser's cost.	
16.	For two part bids two separate sealed envelops are to be sent duly superscribed as follows : 1. TECHNICAL & COMMERCIAL BID 2. PRICE BID Please refer instructions.	
17.	Wherever EMD/tender fee is payable – provide the same in the form of crossed Demand Draft in favour of The Accounts Officer, SAC, Ahmedabad along with the bid but in a separate cover or along with technical bid. On the back side of the D.D, please write your company's name.	
18.	Language to be used in all correspondence – English	
19.	Measurements – Metric system to be followed	
20.	Whether prequalification of your facility procedure completed (if applicable).	
21.	Warranty period – We need minimum 3 years from the date of acceptance. In case the product has a standard warranty of 1 year, confirm that additional 2 years warranty cost is indicated in the price bid/prices. However the warranty requirement if projected in RFP shall prevail.	
22.1	Defective/rejected items if any, are to be replaced free of cost.	
23.	Confirm whether you will be able to provide samples if called for, free of cost.	
24	Approximate weight (net and gross) of the consignment.	
25.	Instruction/operational manual to be supplied free of cost.	
26.	Supply and installation is subject to Purchaser's acceptance.	
27.	LC extension charges to your account, in case of delay from your side.	
28.	Items from latest production batch only are to be supplied.	
29.	Wherever Export Licence required, payment will be made after getting export licence and after confirmation by the supplier, with a copy of Export Licence.	
30.	Bank Guarantees (from Nationalized/ Scheduled Bank/ Bank approved by Purchaser.	

30.1 30.2 30.2.1 30.3	Advance payment for the equal value valid till the completion of contract/acceptance, is to be provide by you. Towards issue of "Free Issue Material" by Purchaser for the value of the material issued, is to be provided. The Bill of material for the material used for the Fabrication work and available balance to be prepared by you and countersigned by the User Department is to be sent along with the final bill for arranging the balance/payment. Towards Performance of the Contract and Product for 10% value valid till the expiry of warranty period.	
31.	Security Deposit is to be submitted to SAC by the successful bidder (wherever applicable)on awarding the contract	
32.	Training – free of cost – to be imparted at Purchaser's site.	
33.	Bank charges wherever applicable shall be paid by Purchaser/Contractor to their respective Bankers.	
34.	Arbitration proceedings – Within India as per provisions of Arbitration and Conciliation Act 1996.	
35.	Liquidated Damages - @ 0.5% per week for the delayed portion – maximum 10% of the contract value.	
36.	Force Majeure conditions applicable?	
37.	Acceptance of Fall clause. "The rates as per the charges of the Contract should not in any event exceed the lowest rates, the supplier charge to any other party or organization. If at any time during the period of contract, the supplier reduce the charges to any other party, then they shall forth-with notify such reduction to Head, Purchase & Stores, SAC and reduce the contract rates subsequently, from the date of coming into force of such reduction" .	
38.	You are requested to indicate the registration number; you have for Sales Tax/Service Tax as the case may be with concerned Government authorities. Also you are requested to provide company registration details wherever applicable along with copy of the company registration certificate. The offers received without the above information will be summarily rejected.	

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SPACE APPLICATIONS CENTRE
AHMEDABAD 380 015,INDIA
PURCHASE & STORES

Ph No: 079-2691 3067
Fax 079-2691 5848/02/35

Date :05/04/2013

INVITATION TO TENDER

M/s 000000

Our Ref No : AHMR **2011-000899-01**
Tender Due: 15:00 **Hrs ISTon** 06/05/2013
Opening : 15:30 **Hrs ISTon** 06/05/2013

Dear Sirs,

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues / pamphlets /literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No: As per attached sheet.)

S.No.	Description of Items with Specifications	Unit	Quantity
1	140-220GHz WAVE GUIDE PROGRAMMABLE ROTORY VAN ATTENUATOR (SPECIFICATIONS AS PER ATTACHED SHEET)	each	
2	Please quote in qty. slab of 1 - 2, 2 - 5.		

DELIVERY AT: SAC, AHMEDABAD

MODE OF DESPATCH BY AIR FRE

DUTY EXEMPTIONS We are exempted from payment of excise / custom duty.

SPECIAL INSTRUCTIONS NIL

SPECIFIC TERMS As per attached sheet.

INSTRUCTIONS TO TENDERERS:

Please mention our Ref. no. AHMR 201100089901 and SAC/285/DF in your quotation and on envelope.

S. THANUMOORTHY
PUR & STORES OFFICER
For and on behalf of the President of India
The Purchaser

Ref No. AHMR 2011 000 899

Specifications for Waveguide Programmable rotary vane attenuator

Variable attenuator	
Frequency range	145.0 - 220.0 GHz.
I/p and o/P interface	WR-5 Waveguide
W/G Flange	UG 387/U
Attenuation range	0-50dB continuous variable
Insertion Loss(Max)	2.75dB
Attenuation Accuracy	0.15dB or 1%
Step size (increment)	0.1dB(or better)
VSWR (Max)	1.25
GPIB or GPIB compatibility through some external Processor	IEEE-488.2
Acquisition time	<1.1 Second

All the Attenuators must have manual as well as remote control through GPIB.

General

- Supply through manufacturer their authorized Indian representative only.
- Party must provide point by point compliance with listed specifications along with page no of data sheet/ product literature, without this quote is liable to be rejected.
- Warranty: 3 years; if standard warranty is of one year then vendor may quote for additional two years of warranty.
- Installation and training at SAC has to done by suppliers
- It will be the responsibility of vendor to supply/Quote for essential accessories, software and other extra optional items etc.
- Warranty service should be available in India
- Quote should be in the slab of 2-5 quantity.

COMPLIANCE STATEMENT REQUIRED TO BE FILLED AND ENCLOSED ALONG WITH THE TECHNICAL AND COMMERCIAL BID BY THE VENDOR.

Sr. No.	Commercial terms	Compliance/Remarks/Comments by Vendor
1.	Delivery terms -Ex-works/FOB/ FCA etc.	
1.1	Purchaser is having an air consolidation contract and their freight forwarder will arrange to collect the consignment from your premises/will take the responsibility for onward transmission from the point of delivery as per INCOTERMS 2010. This is applicable for import cases.	
2.	Packing charges inclusive/exclusive.	
3.	Delivery period – in weeks/months	
4.	Payment terms : Our standard term is - Sight Draft (import) /within 30 days from the date of acceptance (indigenous).	
5.	Country of origin – to be declared in the invoice.	
6.	Name and address of the Indian Agent.	
7.	Percentage of agency commission included in the quoted price – payable in Indian Rupees only directly to the Indian Agent.	
8.	Validity of the offer- minimum of 120 days from the date of opening.	
9.	If you are an Indian Agent, please enclose the authorization letter of your Principal and confirm that whether you have enrolled with DGS&D as per rules.	
10.	In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.	
11.	If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.	
12.	Cost of spares included in the price bid not included.	
13.	Will you be able to provide consumables/spares for 10 years?	
14. 14.1 14.2 14.3 14.4 14.5	Taxes and duties : Taxes in India to the account of Purchaser. Outside India to Seller's/Contractor's account. Please indicate your Tax Registration Number. Wherever installation involved, Income Tax @ 2% will be deducted from the bill and a certificate issued. Installation in India will attract Service Tax @ 12.36%. If required, orders for supply and installation can be issued separately. Work order will attract work contract tax as per rules. Please confirm whether you have included WCT in your offer. Customs Duty Exemption Certificate (CDEC) will	

	be issued by Purchaser. Hence no CD is to be included in your offer wherever applicable.	
14.6	Please indicate rate of the Sales Tax/VAT applicable.	
14.7	Octroi Duty/Entry Tax exempted. Exemption certificate will be issued, if required.	
14.8	Purchaser is eligible for full Excise Duty exemption. Excise Duty exemption certificate will be issued.	
15.	No Insurance is required at Purchaser's cost.	
16.	For two part bids two separate sealed envelops are to be sent duly superscribed as follows : 1. TECHNICAL & COMMERCIAL BID 2. PRICE BID Please refer instructions.	
17.	Wherever EMD/tender fee is payable – provide the same in the form of crossed Demand Draft in favour of The Accounts Officer, SAC, Ahmedabad along with the bid but in a separate cover or along with technical bid. On the back side of the D.D, please write your company's name.	
18.	Language to be used in all correspondence – English	
19.	Measurements – Metric system to be followed	
20.	Whether prequalification of your facility procedure completed (if applicable).	
21.	Warranty period – We need minimum 3 years from the date of acceptance. In case the product has a standard warranty of 1 year, confirm that additional 2 years warranty cost is indicated in the price bid/prices. However the warranty requirement if projected in RFP shall prevail.	
22.1	Defective/rejected items if any, are to be replaced free of cost.	
23.	Confirm whether you will be able to provide samples if called for, free of cost.	
24	Approximate weight (net and gross) of the consignment.	
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26.	Supply and installation is subject to Purchaser's acceptance.	
27.	LC extension charges to your account, in case of delay from your side.	
28.	Items from latest production batch only are to be supplied.	
29.	Wherever Export Licence required, payment will be made after getting export licence and after confirmation by the supplier, with a copy of Export Licence.	
30.	Bank Guarantees (from Nationalized/ Scheduled Bank/ Bank approved by Purchaser.	

30.1 30.2 30.2.1 30.3	Advance payment for the equal value valid till the completion of contract/acceptance, is to be provide by you. Towards issue of "Free Issue Material" by Purchaser for the value of the material issued, is to be provided. The Bill of material for the material used for the Fabrication work and available balance to be prepared by you and countersigned by the User Department is to be sent along with the final bill for arranging the balance/payment. Towards Performance of the Contract and Product for 10% value valid till the expiry of warranty period.	
31.	Security Deposit is to be submitted to SAC by the successful bidder (wherever applicable)on awarding the contract	
32.	Training – free of cost – to be imparted at Purchaser's site.	
33.	Bank charges wherever applicable shall be paid by Purchaser/Contractor to their respective Bankers.	
34.	Arbitration proceedings – Within India as per provisions of Arbitration and Conciliation Act 1996.	
35.	Liquidated Damages - @ 0.5% per week for the delayed portion – maximum 10% of the contract value.	
36.	Force Majeure conditions applicable?	
37.	Acceptance of Fall clause. "The rates as per the charges of the Contract should not in any event exceed the lowest rates, the supplier charge to any other party or organization. If at any time during the period of contract, the supplier reduce the charges to any other party, then they shall forth-with notify such reduction to Head, Purchase & Stores, SAC and reduce the contract rates subsequently, from the date of coming into force of such reduction" .	
38.	You are requested to indicate the registration number; you have for Sales Tax/Service Tax as the case may be with concerned Government authorities. Also you are requested to provide company registration details wherever applicable along with copy of the company registration certificate. The offers received without the above information will be summarily rejected.	

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SPACE APPLICATIONS CENTRE
AHMEDABAD 380 015,INDIA
PURCHASE & STORES

Ph No: 079-2691 3067
Fax 079-2691 5848/02/35

Date :05/04/2013

INVITATION TO TENDER

M/s 000000

Our Ref No : AHSA **2012-003060-01**
Tender Due: 15:00 **Hrs ISTon** 06/05/2013
Opening : 15:30 **Hrs ISTon** 06/05/2013

Dear Sirs,

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues / pamphlets /literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No: As per attached sheet)

S.No.	Description of Items with Specifications	Unit	Quantity
1	Data Acquisition and Recording System, Specification as per attached.	No.	1

DELIVERY AT: SAC - AHMEDABAD

MODE OF DESPATCH ON SITE

DUTY EXEMPTIONS We are exempted from payment of excise / custom duty.

SPECIAL INSTRUCTIONS NIL

SPECIFIC TERMS As per attached sheet

INSTRUCTIONS TO TENDERERS:

Indicate percentage of agency commission payable to your indian agent, if any.
All bank charges outside india will be to your account only.
Note: This TWO PART Tender.

HASMUKH R. MEHTA
PUR & STORES OFFICER
For and on behalf of the President of India
The Purchaser

Ref No. AHSA 2012 00 3060

Request for Proposal
for
Data Acquisition and Recording System
for
IRNSS Signal Monitoring Facility

March 2013

Space Applications Centre

INDIAN SPACE RESEARCH ORGANISATION

AHMEDABAD

Data Acquisition and Recording System

A data acquisition and recording system is required for acquiring, digitizing and recording of L-band and S-band signals for IRNSS Signal Monitoring Facility to be setup at SAC. It is desired that the system is able to acquire and store raw as well as IQ digitized data; of both the bands with desired resolution. User must have the flexibility to select between the raw data and I/Q data. The recorded data should have a binary format which can be utilized for post processing in any customized software platform.

The details of the basic configuration of the system are shown as below. There should be provision for feeding Ext. 10 MHz Reference input in this configuration. It is essential that all instruments be synchronized to external 10 MHz Reference **Vendor must ensure that compliance to each of the point below be mentioned in the Compliance statement to be submitted as part of the bid.**

The 'Data Acquisition and Recording System' should be provided as a TURN-KEY Solution. The complete system should be as per the below diagram.

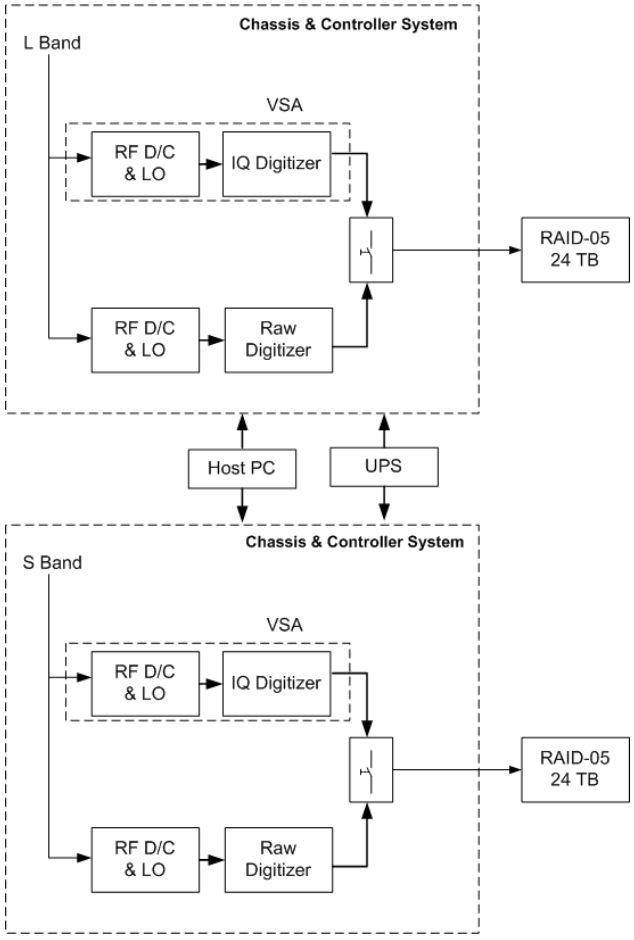

Fig 1: Basic Configuration of the System.

Sr. No	Parameters	Specifications/details
General Technical Features [For both L –band and S-band Chain]		
1.	System Requirements	1.1 RF-Down Conversion, Digitization of Raw and IQ data, Data Recording, Data Analysis, Data Storage
		1.2 40 MHz minimum measurement bandwidth @ carrier (band of interest 1 GHz to 2.5 GHz)
		1.3 Data Recording should be real time, gap-free and high-speed transfer to storage media at 500 MBps minimum
		1.4 Raw data storage at 12-bit resolution
		1.5 I/Q data storage at 16-bit resolution
		1.6 Signal Acquisition, processing & data logging duration is about 3 hours per day.
		1.7 Storage Capacity: 48 TB (24 TB each for both bands) RAID
2.	System Platform	The system should be made on a modular platform so as to enable addition of storage capacity at a later date.
3.	Storage Expandability	It should be possible to increase the storage capacity without replacing any existing device on the system; by simply adding additional hard drives.
4.	Standards	All system components must be Commercial Off the Shelf, proven, EMC compliant, CE marked and from reputed manufacturers.
5.	Modulation Techniques	5.1 The system should be capable to demodulate BPSK & BOC (5,2) signal and provide necessary APIs and Math Interface module for simulation tools like LabView, simulink etc for the user. 5.2 Optionally, vendor may provide acquisition and processing of interplexed and BOC(m,n) & its variants like MBOC, AltBOC etc signals and price for the same must be quoted separately.
6.	Integration	Various components of the system are listed in this document. It must be ensured by the vendor that a fully integrated system (complete with all items required to operate the system at least up to completion of 48 TB of storage space) tested for requisite functionality, is delivered to the end user.
7.	Record	7.1 The system should have capability to record 99.999% of the samples of the signal at 500 MBPS and up to completion of 75% of 48 TB storage space. 7.2 The system should be able to archive and retrieve the stored data on the basis of date and time

		stamps for analysis. Vendor must list available Analysis functions and must also offer tools to add custom algorithms to meet these functionalities.
8.	Redundancy	8.1 System must support redundant storage of data to reduce loss of acquired information. User must have the flexibility to activate and modify redundancy configuration(s).
9.	Documentation	9.1 Detailed datasheets and specification sheets of quoted products must accompany the bid. 9.2 At the time of supply, Operating manuals and Service manual (Hard copy and in CD) of each item must be supplied as part of the package
10.	Accessories	The system must be handed over as ready to use. All mandatory accessories required for ensuring readiness for operation must be supplied
Chassis [L –band and S-band Chain]		
11.	Chassis	Modular expandable to support all the modular instruments mentioned in the proposal, and additionally if any are required for proper operation of the system.
12.	Bandwidth	Data transfer amongst modules must be supported at the speed of 1GBps or more
13.	Synchronization with ext. 10 MHz Reference	There should be provision for feeding Ext. 10 MHz Reference input to all sub-systems. It is essential that all instruments be synchronized to external 10 MHz Reference.
14.	Cooling consideration	The chassis must have sufficient cooling to remove heat from all modular instruments. Vendor to provide heat dissipation calculation for the system.
15.	Trigger	System to have on board Trigger lines to trigger activity on one instrument based on event on another instrument. Trigger delay must not be more than 200 ps.
16.	On board clock	Stability 50 ppm or better
17.	External clock	System must support use of single external clock to a 50 Ω termination for supplying clock to all modular instruments
18.	Power input	240VAC ± 10 % , 50 Hz ± 10 % operation
19.	Operating Temperature	25 ± 5 ˚C
20.	Operating System	Windows 7 based system or better. 32 bit OS is preferable. In case 64 bit OS is offered, HW, SW and applications programmes should commensurate with it.
Controller Module (Should be part of Chassis) [L –band and S-band Chain]		
21.	Processor	Processor should support turbo-boost for short term high activity period

22.	Bandwidth	8 GB /s or better
23.	Memory	16 GB minimum
24.	HDD	512 GB minimum
25.	I/O Ports	25.1 USB ports : 6 high speed USB ports (for keyboard, mouse, drive, printer, memory stick) 25.2 Ethernet port: 2 Ethernet ports 10/100/1000BASE-TX (Gigabit) 25.3 RS232 port : 1 25.4 GPIB port [IEEE 488] : 1 25.5 Video port 25.6 Parallel port
26.	Software Support	26.1 Microsoft Windows 7 (or better) Professional OS 26.2 Hard-drive-based recovery image 26.3 Drivers for all I/O ports 26.4 Other drivers and applicable utilities to the system 26.5 All software offered should commensurate with specification 20 in this table
RF Down Converter and LO for IQ Data [L –band and S-band Chain]		
27.	Input Frequency Range	20 Hz to 3 GHz
28.	Tuning Resolution	1 Hz or better
29.	Instantaneous Bandwidth	50 MHz
30.	Resolution Bandwidth	3 dB bandwidth: 50 MHz
31.	Input Amplitude Range	Average Noise level to + 30 dBm
32.	Freq response	± 0.8 dB or better over the input frequency range
33.	External Reference	
	33.1 Frequency	10 MHz
	33.1 level	+ 4 to +10 dBm @ 50 Ω (1Vpp to 2 Vpp into 50 Ω)
34.	SSB Phase Noise	< -125 dBc/Hz @ 800 MHz carrier @ 10 kHz offset
35.	Noise level	**35.1** <-148 dBm/Hz across entire range of frequencies with Preamp disabled **35.2** <-160 dBm/Hz across entire range with Preamp enabled
36.	Non input related Spurious Response (Residual Spurs)	-95 dBm or better
37.	Spurious Response (LO related)	-70 dBc or better
38.	Image Rejection	55 dB or better
39.	VSWR	2:1 or better @ 50 Ω
40.	RF Input connector	SMA Connector, 50 Ω, AC coupling
RF Down Converter and LO for Raw Data [L –band and S-band Chain]		
41.	Input Frequency Range	500 MHz to 3 GHz
42.	Tuning Resolution	2 Hz or better
43.	Instantaneous Bandwidth	40 MHz

44.	Input Level	-35 dBm maximum
45.	Freq response	± 0.8 dB maximum
46.	External Reference	
	46.1 Frequency	10 MHz
	46.2 Level	± 2 dBm @ 50 Ω
47.	SSB Phase Noise	< -95 dBc/Hz @ 10 kHz offset
48.	Spurious Response (Residual Spurs)	-60 dBc or better
49.	Spurious Response (LO related)	-70 dBc or better
50.	Image Rejection	55 dB or better
51.	VSWR	2.5:1 or better @ 50 Ω
52.	RF Input connector	SMA Connector, 50 Ω, AC coupling
Digitizer for IQ data [Both L –band and S-band Chain]		
53.	Resolution	16 bit
54.	Absolute amplitude accuracy	< ± 0.5 dB or better
55.	Bandwidth	50 MHz
56.	SFDR	<-75 dBc or better
57.	Total Harmonic Distortion	<-75 dBc or better
58.	Inter-modulation Distortion	<-74 dBc or better
59.	SSB phase noise	< -125 dBc/Hz or better @ 10 kHz and above
60.	Clock Sources	Internal & External clock in
61.	External Reference Clock Frequency Range	1 MHz to 100 MHz in 1 MHz increments
62.	External Sample Clock	20 – 150 MHz
Digitizer for Raw data [Both L – band and S-band Chain]		
63.	Sampling rate	350 MHz
64.	Bandwidth	50 MHz
65.	Resolution	12 bit
66.	Gain accuracy	± 2% FSR
67.	Clock sources	On board, device to device without wiring and front panel
68.	External Sample clock	Up to 800 MHz, dual channel
Storage Solution [for both, L –band and S-band Chain]		
69.	Capacity	48 TB (24 TB per chain)
70.	Redundancy	Cold
71.	Configuration	System should be configurable for data storage with or without redundancy and for partition configurations
72.	HDD	Hot swappable
73.	HDD controller	Must reside on the system platform for ease of use

74.	Streaming capacity	700 MB/s sustained rate of transfer
75.	Control & Monitoring	It should be possible to programmatically monitor the status of each partition and also control which drive to write to without user's intervention.
76.	Multiple storage devices	If multiple storage devices are used, system must be capable of identifying available space and switching drives automatically as needed
77.	Recording	As per Specification 7 in this table. System should support swapping of full HDDs not in use with fresh HDDs
78.	FAT & Calibration	Vendor should provide FAT results / calibration data prior to shipment
HOST PC and its Components		
79.	CPU	79.1 Make: Known brands like HP/Dell/IBM 79.2 Processor: 3.4 GHz Core i7 79.3 RAM : Maximum as supported by OS 79.4 Hard Drive: 500 GB 79.5 DVD Writer 79.6 OS: Windows 7 same as specification no 20 79.7 Pr-installed Antivirus Software with license on portable media
80.	Monitor	19 inch LCD
81.	Keyboard & mouse	Preferably cordless
82.	Host PC System	To configure and manage L and S band chains
Rack [Both L –band and S-band Chain]		
83.	General Specifications	83.1 42U Floor Standing 83.2 19''standard 600mm(W) x 800mm(D) 83.3 Front Glass Door with Lock 83.4 Rear Door with Lock & vented at bottom 83.5 Side Panels with Latches & vented at bottom 83.6 Ventilated Top cover and Bottom cover with cable entry facility 83.7 Castors with front brakes (Set of 4 Nos.) 83.8 19'' mountable equipment shelf with a depth of 475 mm 83.9 Horizontal AC mains power distribution box with Five 3 pin 5-amp sockets, 83.10 Indicative main switch and fuse for overload protection. 83.11 19" Sliding shelf with a min. depth of 475 mm and 1U height 83.12 19'' cooling fan tray (4 fan provision) 83.13 Equipment Support angles(in pairs) 83.14 19'' horizontal cable manager 1U+Hardware 83.15 Conforming to DIN 41494 and industry standard practices

84.	Integration	All components must be integrated in the rack in an easy to use manner.
85.	Cabling	85.1 All cables used inside the rack must be of highest quality to ensure minimal crosstalk and maximum signal integrity. 85.2 The cables from UPS to rack should be mounted on TOP
Uninterrupted Power Supply (UPS)		
86.	UPS with battery charger [Charging time 12 hours max.]	Online UPS with 30-minutes of battery backup. (Approximately total load + 40 % capacity)
Software		
87.	Front-End Software for System Configuration	Minimum features expected are: 87.1 **Select** L band and S band chain, Select I/Q or Raw data acquisition, Select location of file storage (user selectable/automatic), Select duration of test, Select max file size, automatic segmentation of file if max file size is reached in a session, Select data storage format out of available options, write test name if any, write operator name if any, add user notes at the header of storage file. 87.2 **Acquisition:** Vector Signal Analysis, Live data view in frequency v/s amplitude, Numeric indicator of peak power at frequency, Trigger level setting for amplitude, Cursor for frequency. 87.3 **Review**: Select by date, Select by file, Select by user, Select by test name, review in frequency v/s amplitude graph 87.4 **Data Transfer**: Select by date, Select by file, Select by user, Select by test name, Select destination, Option to select 'Delete from source on successful transfer'. 87.5 **User Administration:** User Login and Password, Change Password, Facility for Admin user to add users, Facility for Admin user to change password for others, Delete users, Change access rights of different users, User log file review
88.	Spectral measurement and Modulation toolkit	88.1 It should have functions for signal generation, analysis, and visualization of standard analog and digital modulations

		88.2 Optionally, vendor may provide acquisition and processing of interplexed and BOC(m,n) & its variants like MBOC, AltBOC etc signals and price for the same must be quoted separately 88.3 It should have the standard measurement functions like BER, phase error, burst timing, frequency deviation, error vector magnitude (EVM), modulation error ratio (MER), and r (rho). 88.4 It should have visualization functions like trellis, constellation, and 2D and 3D eye diagrams
89.	Software Development tools	A developer suite to be provided for application development with add-ons for advanced signal processing and option for FPGA deployment.
General Terms and Conditions		
90.	Compliance	**Vendor has to provide the point-by-point compliance for the above specifications along with reference to page number of data sheet/product literature. Quote is liable to be rejected without complying this requirement. Detailed printed catalogue is mandatory with quotation for specification compliance verification.**
91.	Two Part Bid	Two part bid shall be submitted in **two separate sealed envelopes**, duly super scribed as follows: **91.1 Part 1: TECHNICAL AND COMMERCIAL BID** **91.1.1 All the optional items should be separately listed in the compliance table** **91.1.2 All the items offered at cost, must be mentioned in the TECHNICAL AND COMMERCIAL BID, with the prices masked. (Copy of price bid with price masked)** **91.2 Part 2: PRICE BID**
92.	Warranty	If standard warranty is of one year, vendor must quote separately for additional 2 years of paid up warranty. **Warranty and post warranty services should be available in India. Maximum allowable downtime less than 48 hrs.**
93.	OEM support	Vendor must list details of such systems, from the same OEM being supplied elsewhere in India. Vendor must also submit details of capabilities available in India to support such system. **Vendor must provide details of local support office closest to SAC, Ahmedabad.** Also confirm if the OEM has any facility in India to provide support for this system
94.	Authorization	If the vendor is not manufacturer, then the bid must

		accompany **Authorization letter issued by manufacturer**, **specifically for this tender** not older than one year		
95.	Intellectual property	If the vendor develops any software to meet the specific requirements of this system, it must be ensured that all such software codes are part and parcel of deliverables and must be made available to SAC at the time of acceptance		
96.	Software Licenses	All the software, offered under this tender shall be provided with the **original licensed media,** complete operating manuals as hard copies in English language		
97.	Installation	Complete system rack with UPS, host PC and cabling shall be installed in SAC premises and to be offered to SAC for acceptance test. Acceptance test plan to be prepared by vendor in consultation with SAC. Necessary infrastructure like lab space, AC power and table will be provided.		
98.	Training	Comprehensive training must be imparted to engineers at SAC on system operation, user interface as well as on modification in supplied software program		
99.	Delivery & Payment Milestones	Milestone	Duration To = Placement of P.O	Payment Terms **(% of the total value of the System)**
		Delivery	**To + 120 to 135 days**	60%
		Installation	**To+ 135 to 150 days**	15%
		Acceptance Test	**To + 150 to 165 days**	15%
		Training	**To+ 165 to 180 days**	10%
Deliverables				
100.	A complete TURN-KEY solution to be delivered for both L and S band chain as per the above specifications			
101.	All the required software for functioning of the system should be installed and other than OEM software to be delivered on with the **original licensed media.**			
102.	All operating manuals, user guides, with hard copies in English language, soft copies on transportable media in English language			
103.	103.1 The vendor must provide quote for all essential accessories, hardware options, software options required for full functioning of model quoted. 103.2 Service and spares support should be available for minimum 7 Years after satisfactory installation.			

Note: Pre-bid meeting with vendors will be arranged on 25th April 2013 at 10.00 a.m. at SAC, Ahmedabad. The interested vendors may confirm their participation in advance by email to : hasmukh@sac.isro.gov.in

COMPLIANCE STATEMENT REQUIRED TO BE FILLED AND ENCLOSED ALONG WITH THE TECHNICAL AND COMMERCIAL BID BY THE VENDOR.

Sr. No.	Commercial terms	Compliance/Remarks/Comments by Vendor
1.	Delivery terms -Ex-works/FOB/ FCA etc.	
1.1	Purchaser is having an air consolidation contract and their freight forwarder will arrange to collect the consignment from your premises/will take the responsibility for onward transmission from the point of delivery as per INCOTERMS 2010. This is applicable for import cases.	
2.	Packing charges inclusive/exclusive.	
3.	Delivery period – in weeks/months	
4.	Payment terms : Our standard term is - Sight Draft (import) /within 30 days from the date of acceptance (indigenous).	
5.	Country of origin – to be declared in the invoice.	
6.	Name and address of the Indian Agent.	
7.	Percentage of agency commission included in the quoted price – payable in Indian Rupees only directly to the Indian Agent.	
8.	Validity of the offer- minimum of 120 days from the date of opening.	
9.	If you are an Indian Agent, please enclose the authorization letter of your Principal and confirm that whether you have enrolled with DGS&D as per rules.	
10.	In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.	
11.	If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.	
12.	Cost of spares included in the price bid not included.	
13.	Will you be able to provide consumables/spares for 10 years?	
14. 14.1 14.2 14.3 14.4 14.5	Taxes and duties : Taxes in India to the account of Purchaser. Outside India to Seller's/Contractor's account. Please indicate your Tax Registration Number. Wherever installation involved, Income Tax @ 2% will be deducted from the bill and a certificate issued. Installation in India will attract Service Tax @ 12.36%. If required, orders for supply and installation can be issued separately. Work order will attract work contract tax as per rules. Please confirm whether you have included WCT in your offer. Customs Duty Exemption Certificate (CDEC) will	

	be issued by Purchaser. Hence no CD is to be included in your offer wherever applicable.	
14.6	Please indicate rate of the Sales Tax/VAT applicable.	
14.7	Octroi Duty/Entry Tax exempted. Exemption certificate will be issued, if required.	
14.8	Purchaser is eligible for full Excise Duty exemption. Excise Duty exemption certificate will be issued.	
15.	No Insurance is required at Purchaser's cost.	
16.	For two part bids two separate sealed envelops are to be sent duly superscribed as follows : 1. TECHNICAL & COMMERCIAL BID 2. PRICE BID Please refer instructions.	
17.	Wherever EMD/tender fee is payable – provide the same in the form of crossed Demand Draft in favour of The Accounts Officer, SAC, Ahmedabad along with the bid but in a separate cover or along with technical bid. On the back side of the D.D, please write your company's name.	
18.	Language to be used in all correspondence – English	
19.	Measurements – Metric system to be followed	
20.	Whether prequalification of your facility procedure completed (if applicable).	
21.	Warranty period – We need minimum 3 years from the date of acceptance. In case the product has a standard warranty of 1 year, confirm that additional 2 years warranty cost is indicated in the price bid/prices. However the warranty requirement if projected in RFP shall prevail.	
22.1	Defective/rejected items if any, are to be replaced free of cost.	
23.	Confirm whether you will be able to provide samples if called for, free of cost.	
24	Approximate weight (net and gross) of the consignment.	
25.	Instruction/operational manual to be supplied free of cost.	
26.	Supply and installation is subject to Purchaser's acceptance.	
27.	LC extension charges to your account, in case of delay from your side.	
28.	Items from latest production batch only are to be supplied.	
29.	Wherever Export Licence required, payment will be made after getting export licence and after confirmation by the supplier, with a copy of Export Licence.	
30.	Bank Guarantees (from Nationalized/ Scheduled Bank/ Bank approved by Purchaser.	

30.1 30.2 30.2.1 30.3	Advance payment for the equal value valid till the completion of contract/acceptance, is to be provide by you. Towards issue of "Free Issue Material" by Purchaser for the value of the material issued, is to be provided. The Bill of material for the material used for the Fabrication work and available balance to be prepared by you and countersigned by the User Department is to be sent along with the final bill for arranging the balance/payment. Towards Performance of the Contract and Product for 10% value valid till the expiry of warranty period.	
31.	Security Deposit is to be submitted to SAC by the successful bidder (wherever applicable)on awarding the contract	
32.	Training – free of cost – to be imparted at Purchaser's site.	
33.	Bank charges wherever applicable shall be paid by Purchaser/Contractor to their respective Bankers.	
34.	Arbitration proceedings – Within India as per provisions of Arbitration and Conciliation Act 1996.	
35.	Liquidated Damages - @ 0.5% per week for the delayed portion – maximum 10% of the contract value.	
36.	Force Majeure conditions applicable?	
37.	Acceptance of Fall clause. "The rates as per the charges of the Contract should not in any event exceed the lowest rates, the supplier charge to any other party or organization. If at any time during the period of contract, the supplier reduce the charges to any other party, then they shall forth-with notify such reduction to Head, Purchase & Stores, SAC and reduce the contract rates subsequently, from the date of coming into force of such reduction" .	
38.	You are requested to indicate the registration number; you have for Sales Tax/Service Tax as the case may be with concerned Government authorities. Also you are requested to provide company registration details wherever applicable along with copy of the company registration certificate. The offers received without the above information will be summarily rejected.	

INSTRUCTIONS FOR TWO-PART TENDER

We are proposing to invite Tenders in Two Parts viz. Part I Technical and Commercial & Part II Price.

All Tenderers are requested to follow carefully the following instructions before preparing their offer.

I PART I : TECHNICAL & COMMERCIAL BID

Part – (a) Technical

i. This part should contain detailed specifications of the items quoted by you along with Technical literature and leaflets if any.

ii. A compliance statement showing the compliance of the item quoted by you with that of item tendered by us should be prepared and enclosed to this.

iii. Any other information called for in the tender related technical and specifications can also come in this part.

iv. Prices should not be indicated in this cover.

Part – (b) Commercial terms : (WITHOUT PRICES)

i. The commercial terms applicable for the item quoted by you should be indicated in this part.

ii. If any compliance statement is called for the commercial terms / contractual terms and conditions, the same is to be attached in this part.

iii. Prices should not be indicated in this part. However a copy of the price bid (without prices) can be enclosed in this part to enable to understand whether all the items required to be quoted by you have been quoted in the price bid. Alternatively a statement is to be made indicating that you have quoted prices for all the items as per the tender and enclosed in the Price Bid as per the format.

iv. The Commercial terms such as delivery terms, delivery period, payment terms, Warranty, validity of the offer, installation & commissioning, duties and taxes etc., shall come into this.

Note : 1. Either Technical Specifications or terms & conditions as above should be very clearly reflected item-wise with reference to the items called for in the tender.

2. Please note that the ***PRICE SHOULD NOT BE*** indicated in this part.

3. Technical and Commercial part as described above shall be prepared and put it in a sealed cover & super scribed and addressed as follows:

Tender No. :
Due Date :
PART I : <u>TECHNICAL & COMMERCIAL BID</u>

The Head Purchase & Stores
Space Applications Centre
Ambawadi Vistar P.O.
Ahmedabad – 380 053

From :

II PART II : PRICE BID

i. The prices applicable for the items, item-wise in response to the tender shall come into this part.
ii. Tenderer shall indicate very clearly item-wise prices with reference to their technical offer.
iii. Price part prepared as above shall be enveloped and superscribed as follows:

Tender No. :
Due Date :
PART II : <u>PRICE BID</u>

The Head Purchase & Stores
Space Applications Centre
Ambawadi Vistar P.O.
Ahmedabad – 380 053

From :

III The Technical & Commercial envelope (Part I) and Price cover (Part II) prepared as above along with 'Tender fee cover' (if applicable) should be inserted in another envelope and superscribed as follows:

Tender No. :
Due Date :
<u>PART I & PART II ARE INDIVIDUALLY SEALED AND KEPT INSIDE :</u>
(DD towards Tender fee also is kept inside)

The Head Purchase & Stores
Space Applications Centre
Ambawadi Vistar P.O.
Ahmedabad – 380 053

From :

Important Note:

Being a Two-Part Tender, fax quotations will not be accepted. Please ensure your offers are received by mail before due date and time.

In case you are going to download the documents from our website and submitting the offer, you are requested to submit the DD towards Tender fee <u>in a separate cover</u> along with a covering letter duly superscribing on the cover "Tender fee in respect of File No. _____".

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SPACE APPLICATIONS CENTRE
AHMEDABAD 380 015,INDIA
PURCHASE & STORES

Ph No: 079-2691 3067
Fax 079-2691 5848/02/35

Date :05/04/2013

INVITATION TO TENDER

M/s 000000

Our Ref No : AHSE **2012-002362-01**
Tender Due: 15:00 **Hrs ISTon** 06/05/2013
Opening : 15:00 **Hrs ISTon** 06/05/2013

Dear Sirs,

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues / pamphlets /literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No:)

S.No.	Description of Items with Specifications	Unit	Quantity
1	A) ESA QUALIFIED MICRO-D 90 DEGREE BEND PCB MOUNT STANDARD PROFILE GOLD PLATED CONNECTORS WITH DUST CAPS		
2	340102902B 15P FR136	Nos.	12
3	340102902B 15S FR136	Nos.	32
4	340102902B 25P FR136	Nos.	52
5	340102902B 25S FR136	Nos.	52
6	340102902B 37P FR136	Nos.	52
7	340102902B 37S FR136	Nos.	47
8	340102902B 51P FR136	Nos.	52
9	340102902B 51S FR136	Nos.	47
10	B1) ESA QUALIFIED MICRO-D PANEL MOUNT CRIMPABLE GOLD PLATED CONNECTORS WITH DUST CAPS		
11	340107702B 15P FO	Nos.	42
12	340107702B 15S FO	Nos.	22
13	340107702B 25P FO	Nos.	65
14	340107702B 25S FO	Nos.	27
15	340107702B 37P FO	Nos.	42
16	340107702B 37S FO	Nos.	45
17	B2) ESA QUALIFIED MICRO-D PANEL MOUNT SOLDRABLE GOLD PLATED CONNECTORS WITH DUST CAPS		
18	MDM51PFR164FR172(Note 1: as per attached sheet)	Nos.	55
19	MDM51SFR164FR172(Note 1: as per attached sheet)	Nos.	51
20	C) ESA QUALIFIED SCREW LOCK ASSEMBLES		
21	340103207B	Nos.	1400
22	MDM-115366-9226C	Nos.	1400
23	D) ESA MICRO D CONTACTS		
24	340107801B(Plug pin)	Nos.	4000

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SPACE APPLICATIONS CENTRE
AHMEDABAD 380 015,INDIA
PURCHASE & STORES

Ph No: 079-2691 3067
Fax 079-2691 5848/02/35

Date :05/04/2013

25	340107802B(Socket pin)	Nos.	2800
26	E) CRIMPING TOOL		
27	M22520/2-01	Nos.	2
28	F) LOCATORS		
29	CK-MDMA-P (26 Gauge)	Nos.	2
30	CK-MDMA-S (26 Gauge)	Nos.	2
31	G) EXTRACTION TOOL		
32	MDMA-115373	Nos.	50
33	(H) Retention Test tool MDMA contacts		
34	MDMA -115373-3	Nos.	1
35	(I) Interfacial Seals		
36	1) 340103213B	Nos.	25
37	2) 340103215B	Nos.	30
38	3) 340103217B	Nos.	50
39	The R & QA requirements, General terms and conditions are attached herewith.		

DELIVERY AT: SAC-STORE

MODE OF DESPATCH BY AIR FRE

DUTY EXEMPTIONS We are exempted from the payment of custom dtuy.

SPECIAL INSTRUCTIONS Mention validity, payment terms, delivery terms, warranty.

SPECIFIC TERMS

INSTRUCTIONS TO TENDERERS:

For item Sr. No. A and B please quote in quantity slab 1-24, 25-49, 50-99, 100-149, 150-200, 201-249, 250-300, and >301 Pcs.

For Item Sr. No. C, please quote in quantity slab 1-1000, 1001-1499, 1500-1999, 2000-1499, 2500-2999, and >3000 Pcs.

For item Sr. No. D, please quote in slab 1-5000, 5001-9999, 10000-14999, 15000-19999 and >20000 Pcs and indicate additional charges like LAT Charges etc..

Please note that this is a TWO-PART TENDER. Send your quotation as per attached instructions only. Quotation not confirming to the instructions will be rejected. Fax quotations will not be accepted.

Technical & Commercial Compliance statement confirming compliance with aa the point of Tech(RFP) & commercial annexures enclosed with the tender document shall be submitted with the offer. In absence of the statement the offer is liable for rejection

P.REMADEVI
PUR & STORES OFFICER
For and on behalf of the President of India
The Purchaser

Ref. No. : AHSE 2012 00 2362

A) ESA qualified Micro-D Micro-D 90 degree Bend PCB Mount Standard Profile gold plated connectors with Dust Caps.			
Sr. No.	**Item**	**ESA Part No.**	**Qty.**
1	15 Pin Plug	340102902B 15P FR136	12
2	15 Pin Socket	340102902B 15S FR136	32
3	25 Pin Plug	340102902B 25P FR136	52
4	25 Pin Socket	340102902B 25S FR136	52
5	37 Pin Plug	340102902B 37P FR136	52
6	37 Pin Socket	340102902B 37S FR136	47
7	51 Pin Plug	340102902B 51P FR136	52
8	51 Pin Socket	340102902B 51S FR136	47
B1) ESA qualified Micro-D Panel Mount Crimpable gold plated connectors with Dust Caps.			
Sr. No.	**Item**	**ESA Part No.**	**Qty.**
1	15 Pin Plug	340107702B 15P FO	42
2	15 Pin Socket	340107702B 15S FO	22
3	25 Pin Plug	340107702B 25P FO	65
4	25 Pin Socket	340107702B 25S FO	27
5	37 Pin Plug	340107702B 37P FO	42
6	37 Pin Socket	340107702B 37S FO	45
B2) ESA qualified Micro-D Panel Mount Solderable gold plated connectors with Dust Caps.			
1	51 Pin Plug	MDM51PFR164FR172	55
2	51 Pin Socket	MDM51SFR164FR172	51
C) Screw Lock Assemblies			
Sr. No.	**Item**	**ESA Part No.**	**Qty.**
1	Jack Screw(Harness side)	340103207B	1400
2	Jack Post	MDM-115366-9226C	1400
D) Micro-D Contacts			
Sr. No.	**Item**	**ESA Part No.**	**Qty.**
1	Plug Contacts	340107801B	4000
2	Socket Contacts	340107802B	2800
E) Locators			
Sr. No.	**Item**	**ESA Part No.**	**Qty.**
1	Locators for Plug Contact	CK-MDMA-P	2
2	Locators for Socket Contact	CK-MDMA-S	2
F) Extraction Tool			
Sr. No.	**Item**	**ESA Part No.**	**Qty.**
1	Extraction Tool	MDMA-115373	50
G) Interfacial Seal			

1	Interfacial Seal for 15S	340103213B	25
2	Interfacial Seal for 25S	340103215B	30
3	Interfacial Seal for 37S	340103217B	50
H) Criming Tool			
Sr. No.	**Item**	**ESA Part No.**	**Qty.**
1	Crimping Tool for Micro-D connectors	M22520/2-01	2
I) Retention Test Tool for MDMA Contacts			
Sr. No.	**Item**	**ESA Part No.**	**Qty.**
1	Retention Test Tool for MDMA Contacts	MDMA -115373-3	1
Note 1: Item indented under B2 section are according to ESA/ESCC 3401/029 specifications with Level B LAT-1 testing.			
Note 2: Item indented under sections A & B1 (2 connectors for each type) & D (10 contacts each type are to be used for LAT-2 testing.			

Sr. No.	General Terms and conditions	Vender remark regarding Compliance/ Noncompliance in detail
1	For item sr. no. A and B please quote in quantity slab 1-24,25-49, 50-99, 100-149,150-200, 201-249,250-300 and >301 pcs, For item sr. no. C, please quote in quantity slab 1-1000,1001-1499, 1500-1999, 2000-2499, 2500-2999 and >3000 pcs, For item sr. no. D, please quote in quantity slab 1-5000, 5001-9999, 10000-14999, 15000-19999 and >20000 pcs and indicate additional charges like LAT Charges etc.	
2	Manufacturer's datasheet and ESA Datasheet should be attached for verification.	
3	Quote for the stock having date code less than two years. Specify date code with quote for each item (preferable SLDC).	
4	The supplier should provide either Authorization Certificate from the manufacturer or the supplier should be a HI-REL Parts Procurement Agency (HRPPA). In case of HRPPA, supplier should attach details about the parts supplied by them to any other agency in recent time.	
5	Warranty to be specified.	
6	ISRO reserves right to place full order or split order as the case may be Supplier should note this point and comply.	
7	Delivery schedule should be provided	
8	Supplier shall offer for interfacial seals for crimp type connectors, locators, extraction tools for plug & socket contacts otherwise quote shall be treated partial & likely to get rejected.	

R & QA requirements: As per attached Annexure.

R & QA REQUIREMENTS FOR MICRO-D CONNECTORS AND ACCESSORIES		
Req. para.	**SAC Requirement description**	**Compliance**
1	**The parts shall meet the following requirements of quality and testing.**	
1a	Connectors, rectangular, Micro-D, 90° PCB mount with shell finish gold over nickel (FR172), Qualified to and as per the latest ESCC 3401/029 Specification with Level `B' with LAT testing.	
1b	Connectors, rectangular, Micro-D, with removable Crimp contacts and shell finish gold over nickel (FR172), Qualified to and as per the latest ESCC 3401/077 Specification with Level `B' with LAT testing.	
1c	Connectors, rectangular, P/Ns :MDM 51*FR164FR172, shall be supplied as per the ESA 3401/029 with level B LAT-1 testing,	
1d	Connector Accessories, for rectangular, Micro-D: Qualified to and as per the ESCC 3401/032 specification with level `B' testing.	
1e	Crimp type contacts (pin and socket type) qualified to ESCC 3401/078 Specification with Level B testing.	
2	**The manufacturer shall provide the following details along with the proposal.**	
2a	Name of the original part manufacturer.	
2b	The latest technical data sheet of all the offered parts indicating electrical, mechanical, environmental specifications and engineering drawing.	
2c	Ordering information, Details of marking on components and marking of component bag / package / label.	
2d	Details of interfacial seals, locators, additional extraction tools for pin and socket contacts for Removable crimp contacts Micro-D connectors with price in breakup.,	
2e	The prices, in break-up, for (1) Single part/unit, (2) Lot Acceptance Testing, LAT-1 & LAT-2 and (3) LAT sample pieces. The requirement of LAT is at the discretion of SAC.	
2f	The detail of latest LAT-1 and LAT-2 testing carried out on similar/identical products. A copy of the test reports for the same shall also be provided for reference & review.	
2g	The distribution within the sample, for ordered LAT, shall be in full compliance with the para. 8.2.2 of the ESCC 3401, for a range or series of connectors.	
2h	A copy of Authorization Letter issued by the original part manufacturer.	
2i	Qualification status on ESCC QPL/QML and EPPL, with a copy of relevant certificates.	
3	**The manufacturer shall provide the following details along with the deliverable parts.**	
3a	Certificate of Compliance (CoC) from the original part manufacturer.	
3b	Certificate of Compliance (CoC) from the vendor/supplier.	
3c	Complete data package as per the applicable ESCC 3401/*** specification.	
4	**General requirements**	
4a	The parts supplied by the manufacturer shall be from a Single Lot Date Code not older than two years from the date of shipment.	
4b	The marking (Part Identification Number), shall be as per the applicable ESCC specification, **bearing ESCC logo**.	
4c	Each connector shall be packed individually in a separate bag/packet and	

	there shall be no relative motion within the package. Corrosive material shall not be used for packing of the parts.	
4d	With each connector, its antistatic dust cap shall also be provided. For removable crimp contacts extraction tools shall be provided.	
5	**Important notes**	
5a	The Vendors/suppliers, who are authorized by the original part manufacturer, to source/sell space grade parts, will only be considered. Hence, the necessary Certificate issued by the original part Manufacturer shall be enclosed with the offer.	
5b	For their offer to be considered for evaluation from R&QA point of view, the suppliers/vendors should clearly indicate compliance (or non-compliance) to each requirement of this annexure.	

COMPLIANCE STATEMENT REQUIRED TO BE FILLED AND ENCLOSED ALONG WITH THE TECHNICAL AND COMMERCIAL BID BY THE VENDOR.

Sr. No.	Commercial terms	Compliance/Remarks/Comments by Vendor
1.	Delivery terms -Ex-works/FOB/ FCA etc.	
1.1	Purchaser is having an air consolidation contract and their freight forwarder will arrange to collect the consignment from your premises/will take the responsibility for onward transmission from the point of delivery as per INCOTERMS 2010. This is applicable for import cases.	
2.	Packing charges inclusive/exclusive.	
3.	Delivery period – in weeks/months	
4.	Payment terms : Our standard term is - Sight Draft (import) /within 30 days from the date of acceptance (indigenous).	
5.	Country of origin – to be declared in the invoice.	
6.	Name and address of the Indian Agent.	
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13.	Will you be able to provide consumables/spares for 10 years?	
14. 14.1 14.2 14.3 14.4 14.5	Taxes and duties : Taxes in India to the account of Purchaser. Outside India to Seller's/Contractor's account. Please indicate your Tax Registration Number. Wherever installation involved, Income Tax @ 2% will be deducted from the bill and a certificate issued. Installation in India will attract Service Tax @ 12.36%. If required, orders for supply and installation can be issued separately. Work order will attract work contract tax as per rules. Please confirm whether you have included WCT in your offer. Customs Duty Exemption Certificate (CDEC) will	

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18.	Language to be used in all correspondence – English	
19.	Measurements – Metric system to be followed	
20.	Whether prequalification of your facility procedure completed (if applicable).	
21.	Warranty period – We need minimum 3 years from the date of acceptance. In case the product has a standard warranty of 1 year, confirm that additional 2 years warranty cost is indicated in the price bid/prices. However the warranty requirement if projected in RFP shall prevail.	
22.1	Defective/rejected items if any, are to be replaced free of cost.	
23.	Confirm whether you will be able to provide samples if called for, free of cost.	
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30.	Bank Guarantees (from Nationalized/ Scheduled Bank/ Bank approved by Purchaser.	

30.1 30.2 30.2.1 30.3	Advance payment for the equal value valid till the completion of contract/acceptance, is to be provide by you. Towards issue of "Free Issue Material" by Purchaser for the value of the material issued, is to be provided. The Bill of material for the material used for the Fabrication work and available balance to be prepared by you and countersigned by the User Department is to be sent along with the final bill for arranging the balance/payment. Towards Performance of the Contract and Product for 10% value valid till the expiry of warranty period.	
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38.	You are requested to indicate the registration number; you have for Sales Tax/Service Tax as the case may be with concerned Government authorities. Also you are requested to provide company registration details wherever applicable along with copy of the company registration certificate. The offers received without the above information will be summarily rejected.	

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i. This part should contain detailed specifications of the items quoted by you along with Technical literature and leaflets if any.

ii. A compliance statement showing the compliance of the item quoted by you with that of item tendered by us should be prepared and enclosed to this.

iii. Any other information called for in the tender related technical and specifications can also come in this part.

iv. Prices should not be indicated in this cover.

Part – (b) Commercial terms : (WITHOUT PRICES)

i. The commercial terms applicable for the item quoted by you should be indicated in this part.

ii. If any compliance statement is called for the commercial terms / contractual terms and conditions, the same is to be attached in this part.

iii. Prices should not be indicated in this part. However a copy of the price bid (without prices) can be enclosed in this part to enable to understand whether all the items required to be quoted by you have been quoted in the price bid. Alternatively a statement is to be made indicating that you have quoted prices for all the items as per the tender and enclosed in the Price Bid as per the format.

iv. The Commercial terms such as delivery terms, delivery period, payment terms, Warranty, validity of the offer, installation & commissioning, duties and taxes etc., shall come into this.

Note : 1. Either Technical Specifications or terms & conditions as above should be very clearly reflected item-wise with reference to the items called for in the tender.

2. Please note that the ***PRICE SHOULD NOT BE*** indicated in this part.

3. Technical and Commercial part as described above shall be prepared and put it in a sealed cover & super scribed and addressed as follows:

Tender No. :
Due Date :
PART I : <u>TECHNICAL & COMMERCIAL BID</u>

The Head Purchase & Stores
Space Applications Centre
Ambawadi Vistar P.O.
Ahmedabad – 380 053

From :

II PART II : PRICE BID

i. The prices applicable for the items, item-wise in response to the tender shall come into this part.
ii. Tenderer shall indicate very clearly item-wise prices with reference to their technical offer.
iii. Price part prepared as above shall be enveloped and superscribed as follows:

Tender No. :
Due Date :
PART II : <u>PRICE BID</u>

The Head Purchase & Stores
Space Applications Centre
Ambawadi Vistar P.O.
Ahmedabad – 380 053

From :

III The Technical & Commercial envelope (Part I) and Price cover (Part II) prepared as above along with 'Tender fee cover' (if applicable) should be inserted in another envelope and superscribed as follows:

Tender No. :
Due Date :
<u>PART I & PART II ARE INDIVIDUALLY SEALED AND KEPT INSIDE :</u>
(DD towards Tender fee also is kept inside)

The Head Purchase & Stores
Space Applications Centre
Ambawadi Vistar P.O.
Ahmedabad – 380 053

From :

Important Note:

Being a Two-Part Tender, fax quotations will not be accepted. Please ensure your offers are received by mail before due date and time.

In case you are going to download the documents from our website and submitting the offer, you are requested to submit the DD towards Tender fee <u>in a separate cover</u> along with a covering letter duly superscribing on the cover "Tender fee in respect of File No. _____".

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SPACE APPLICATIONS CENTRE
AHMEDABAD 380 015,INDIA
PURCHASE & STORES

Ph No: 079-2691 3067
Fax 079-2691 5848/02/35

Date :09/04/2013

INVITATION TO TENDER

M/s -

Our Ref No : AHAD **2012-003159-01**
Tender Due: 15:00 **Hrs ISTon** 06/05/2013
Opening : 15:30 **Hrs ISTon** 06/05/2013

Dear Sirs,

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues / pamphlets /literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No: --)

S.No.	Description of Items with Specifications	Unit	Quantity
1	SERVICE CONTRACT FOR HIRING OF ENGINEERING MAINTENANCE SERVICES FOR A PERIOD OF ONE YEAR AS PER ATTACHED RFP.		
2	(A) ENGINEERING SERVICES - ARCHITECHT	EU	12
3	(B) TECHNICAL SERVICES - ARCHITECHT	TU	24
4	(A) ENGINEERING SERVICES - CIVIL	EU	24
5	(B) TECHNICAL SERVICES - CIVIL	TU	12
6	(A) ENGINEERING SERVICES - ELECTRICAL	EU	12
7	(B) TECHNICAL SERVICES - AIR-CONDITIONING	TU	12

DELIVERY AT: SAC

MODE OF DESPATCH ON SITE

DUTY EXEMPTIONS --

SPECIAL INSTRUCTIONS NIL

SPECIFIC TERMS --

INSTRUCTIONS TO TENDERERS:

= DETAILED SCOPE OF WORK, RATES, PAYMENT TERMS, TERMS AND CONDITIONS OF THE CONTRACT ARE AS PER RFP.

NOTE: 1) QUOTATIONS SHOULD BE SUBMITTED WITH EMD OF RS. 2,00,000.00 (TWO LAKHS) BY CROSSED DD IN FAVOUR OF "ACCOUNTS OFFICER, SPACE APPLICATIONS CENTRE, AHMEDABAD."

2) PLEASE SUBMIT YOUR OFFER ALONGWITH TENDER FEE RS. 200.00 IN FAVOUR OF "ACCOUNTS OFFICER, SPACE APPLICATIONS CENTRE, AHMEDABAD", TO BE PAID THROUGH CROSSED DD.

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SPACE APPLICATIONS CENTRE
AHMEDABAD 380 015,INDIA
PURCHASE & STORES

Ph No: 079-2691 3067
Fax 079-2691 5848/02/35

Date :09/04/2013

RAMNIKLAL M PARGI
PUR & STORES OFFICER
For and on behalf of the President of India
The Purchaser

Ref No.: AHAD 2012003159

REQUEST FOR PROPOSAL (RFP)

FOR

PROVIDING ENGINEERING SERVICES AND TECHNICAL SERVICES IN THE FIELDS OF CIVIL, ELECTRICAL AND AIR-CONDITIONING WORKS IN CONSTRUCTION & MAINTENANCE DIVISION, SAC,

SPACE APPLICATIONS CENTRE
INDIAN SPACE RESEARCH ORGANISATION
AHMEDABAD-380 015.

REQUEST FOR PROPOSAL (RFP) FOR
PROVIDING ENGINEERING SERVICES AND TECHNICAL SERVICES IN THE FIELDS OF CIVIL, ELECTRICAL AND AIR-CONDITIONING WORKS IN CONSTRUCTION & MAINTENANCE DIVISION, SAC,

1.0 INTRODUCTION:

The purpose of this RFP is to have Engineering Services and Technical Services Work Contracts, wherein the Service Provider will contribute towards the construction and maintenance efforts related Civil, Electrical, Architectural and Air-Conditioning works, at Construction and Maintenance Division (CMD) of Space Applications Centre, SAC/ISRO on a need basis.

Under this Engineering and Technical Services Contract, continuous interactions with CMD/SAC Engineers / Technical Personnel is required for most of the projects and hence, the Service Provider's Personnel will be mostly required to work within SAC premises (Ahmedabad / Bopal) and SAC Housing Colonies.

In addition to providing all details as per this RFP, the Service Providers are mandatorily required to fill up the Compliance tables given as **Annexure – I** (Techno- Commercial Aspects). Any offer, which does not include the compliance table, is liable to be rejected. The Offers containing false information will also be summarily rejected.

The Service Provider is mandatorily required to submit price bid in the attached table format **(Annexure-II)** only.

This RFP is for 04 Nos. Graduate Engineers (EU) & 04 Nos. Diploma Engineers (TU). They will work in various Division of CMD (Civil, Electrical, Architectural & Air-Conditioning) in SAC Campus, & Housing Colonies. The present contract is along with extension up to 31/08/2013.

2.0 SCOPE OF WORK:

The scope of this Contract is restricted only to outsourcing / hiring of Engineering Services Units (EU) and Technical Services Units (TU) for the construction and maintenance related Civil, Electrical, Architectural and Air-Conditioning works at SAC.

2.1 The Scope of work will mainly comprise of the following Engineering and technical activities, to be carried out by suitable, qualified and trained TU and EU personnel of the Service Provider, in consultation with SAC-In-Charge, in the following areas:

2.1.1 Maintenance and minor works including alterations, additions, modification & Renovation of the existing laboratory and office buildings including furniture & fixtures.

2.1.2 Technical Supervision and execution of maintenance and minor works of laboratory & office buildings for Civil & public health.

2.1.3 Operation & Maintenance of services like water supply, air-conditioning plants, Split ACs, WACs, water coolers, air-coolers, Lifts etc.

2.1.4 Maintenance of electrical installations including lights, fans, power points, sub-station, etc.

2.1.5 Liaison works with statutory bodies like AMC, AUDA and Torrent Power Ltd. for various jobs like Sewage/Water connections, tax payments, electric power connections, etc.

2.1.6 Taking measurements & preparing of bill for maintenance and minor works.

2.1.7 Technical Supervision of maintenance works carried out by technicians.

2.1.8 Other project / CMD related activities and documentation.

2.1.9 Preparation of architectural conceptual, estimate, tender and execution drawings for all the approved capital civil works, minor works, furniture etc.

2.2 QUALIFICATIONS & EXPERIENCE OF EU / TU PERSONNEL :

2.2.1 Technical and Engineering Services **EU / TU Personnel** should have following essential and desirable qualifications:

Essential Minimum Qualifications for EU:

- **Degree in** Civil / Electrical / Architectural / Mechanical **Engineering from recognized institutes with a minimum of 60% marks.**

Essential Minimum Qualifications for TU:

- **Diploma in** Civil / Electrical / Architectural / Mechanical **Engineering from recognized institutes with a minimum of 60% marks.**

Desirable Qualifications for both EU & TU:

- Knowledge of English and having good communication skills
- Persons with 1 or 2 years of relevant industry experience
- Basic Proficiency in working with Computer
- Proficiency in AutoCAD, Revit, Sketch-up software for Architecture candidates.

2.2.2 The Technical and Engineering Services personnel are required to possess more than one of the technical and practical skills listed below:

- Preperation of estimate for maintenance and minor works including modification / renovation of the existing laboratory and office buildings
- Supervision and execution of maintenance and minor works
- Taking measurements and preparing of bills for maintenance and minor works
- Operation & Maintenance of services like water supply, air-conditioning plants, Split ACs, WACs, water coolers, air coolers, Lifts etc.
- Maintenance of electrical installations like lights, fans, power points etc.
- Well Skilled in Computer (PCs) Operations with basic knowledge
- Technical reports generation and documentation aspects
- Preparation of architectural drawings for every stage of work.
- Fluent working in AutoCAD, Revit, Sketch-up software for Architecture candidates.

2.2.3 Service Provider may quote as an option for enhanced wages for EU & TU with more than TWO (2) years relevant experience. However it will be the SAC decision to exercise such option while selection of service unit.

2.2.4 It may be noted that ranks of qualified bidders will be determined based on total Cost to SAC (CTS). Administrative charges shall not vary depending on category of the service personnel experience.

2.2.5 Wages of the EU & TU decided while induction will remain firm and final throughout the contract period also in extension period, if any.

2.2.6 Strict selection procedure will be followed in order to ensure the quality of technical services units. After initial screening and short-listing, Service Provider will arrange for a personal interview. SAC decision will be final and binding on Service Provider.

3.0 TOTAL EU / TU SERVICES REQUIREMENT:

3.1 The workload for the CMD projects will be divided into "Technical Services Personnel months" and "Engineering Services Personnel Months".

3.2 One "Tech. Services Personnel month" is defined as "One Technical Unit (TU)". Similarly, One "Engg. Services Personnel month" is defined as "One Engineering Unit (EU)"

3.3 **Total EU work load per year is 48 EU (Minimum) to 60 EU (Maximum) and the contract will be valid for One (01) year.**

3.4 **Similarly, Total TU work load per year is 48 TU (Minimum) to 60 TU (Maximum) and the contract will be valid for One (01) year.**

3.5 In case of shortfall of service unit in providing Engineering Services at SAC in a calendar month, payment will be made on pro-rata basis. For this purpose, calendar month will be considered based on SAC working days.

4.0 PRE-QUALIFICATION CRITERIA FOR TU & EU SERVICE PROVIDERS:

Under this EU / TU Services Contract, the Service Provider will be providing both EU & TU Services to Construction and Maintenance Division in maintenance and construction activities of civil, electrical, architectural and air-conditioning disciplines. For these activities under EU & TU services, SAC CMD will provide necessary in-house technical & facility support. Service Provider's EU & TU Personnel will be mostly required to work within SAC premises (Ahmedabad / Bopal) and SAC Housing Colonies. However, if and whenever required, the Service Provider shall also take up the work at his own premises.

To meet the above-mentioned requirements and mode of working envisaged, the Service Provider shall meet the following minimum requirements in order to technically qualify to bid:

4.1 Service Provider must be a reputed & established engineering company registered with government agencies and in existence for a minimum of 3 years on the date of issue of this tender, with necessary technical facilities and experience. It should not be a consortium of firms / companies or a placement agency (Attach relevant P.O copies, documents etc.)

4.2 Service Provider's Own Establishment & Office must be located in Ahmedabad or within 50 kms radius from SAC main campus. Service Provider should provide all local contact information like address, landline phone, fax, mobile numbers & E mail address etc. This requirement is to facilitate proper interactions between SAC and service provider.

4.3 Service Provider should also fulfill the following minimum requirements and attach relevant documents, P.O. copies, service satisfaction certificates, etc. with the tender document to support these requirements:

a) A Minimum annual turnover of Rs. 30 Lakhs per Year (Income-Tax returns, Audited Financial statements of last three years with PAN and such other relevant documents required as proof, to be enclosed.)
b) Experience in the field of "Technical / Engineering Services/Products" for last Two (02) years.

4.4 Service Provider must have a Minimum existing technical Staff (Engg./Technical) of at least 10 (Ten) persons at his establishment. Service Provider has to provide the list of regular EU & TU employees with their qualifications, experience etc. along with the tender document. The list of regular employees available with Service Provider for similar Contracts has to be clearly listed separately.

4.5 Service Provider should have minimum drafting and Engineering facilities at his establishment to support the technical staff of 10 persons, along with sufficient Number of Desktop Computers (PC P4-upwards).

4.6 **Service Provider is mandatorily required to enclose the following necessary documents along with their technical bid to substantiate the above pre-qualification criteria, failing which their technical bid will not be considered or evaluated:**

4.6.1 Service Provider's Company / firm should not have been banned or black-listed by any Government Department / Central Government Unit / Public Sector Unit / Financial Institutions / Court and submit a declaration in this regard.
4.6.2 Latest Copy of Registration of the firm of the contractor as Service provider indicating Registration No. date and its validity.
4.6.3 Income-Tax PAN No, Service Tax No. and a copy of the annual returns of income filed during last three years.
4.6.4 Copy of ESI Registration Certificate including Registration Number
4.6.5 Copy of employer's EPF Code No. and certificate, if any, issued by EPF authorities, and returns submitted to the EPF authorities during the last three years.
4.6.6 Documentary proof of experience in the relevant field.
4.6.7 Documentary proof of having office in Ahmedabad with full infrastructure like phone no. , fax no. email id etc.
4.6.8 List of EU / TU available at Present.
4.6.9 The latest valid Solvency Certificate from a Scheduled Bank for Rs. 30 lakhs.

4.7 If required, SAC Officers shall visit the Service Provider's premises for verification of information related to work orders/space/manpower etc, and infrastructure facilities & Equipments claimed. The Service Provider, who is not able to substantiate/satisfy the technical requirements laid down in this RFP, is liable to be rejected.

4.8 **SAC reserves the right to accept or reject any offer, fully or partly, without assigning any reasons, if the rates quoted are NOT RATIONAL and UNVIABLE. SAC also reserves the right to spilt and enter into parallel Service Contracts with more than one Service Providers, if required, under this RFP.**

4.9 Service Provider should possess registration certificate as a Service Providing Agency.

4.10 Service provider may attach Certification from reputed user agencies, ISO / High-level quality service certification in the relevant area, which will be considered as an added advantage.

4.11 Service Provider should clearly indicate in the technical proposal, the actual proposed manpower deployment strategy with respect to absentees, total working hours and new requirements, of the EU / TU services.

5.0 CONTRACT MANAGEMENT:

(A) RESPONSIBILITY OF SAC-IN-CHARGE:

- SAC will designate a Contract-In-Charge who will be the overall coordinator and supervisor.
- As the maintenance, construction and operations works are to be carried out at different sites in SAC campuses, TUs and EUs will work as per instructions from respective Contract-In-Charge on day-to-day basis.

(B) RESPONSIBILITIES OF THE SERVICE PROVIDER:

5.1 Service Provider will submit the list of short listed TU & EU candidates (Indian National only) to be deployed along with their bio-data and other personal details like residential address, contact phone/mobile Nos., etc.

5.2 The Service Provider will deploy the candidates to carry out the work from the SAC approved list only.

5.3 Service Provider will ensure that all the candidates deployed in SAC are Bonafide employees of the Service Provider having valid vendor's Identification card with photograph. The Service Provider can-not subcontract this work to any other entity or agency.

5.4 Service Provider is required to obtain the Police Verification of the deployed candidates at his own expenses and submit the same to SAC authorities. Service provider has to ensure that candidates should be Indian National only.

5.5 Service Provider will deploy the TUs & EUs to carry out the work within 15 days of the award of contract after fulfilling other terms and conditions like police verification etc.

5.6 Service Provider will maintain a register for the work carried out by the Service Provider's personnel in terms of TU & EU units for each completed month.

5.7 Service Provider must employ TUs & EUs in sufficient numbers to take care of the additional or extra workload that may arise from time to time, during the contract duration within the limits defined under section 3.0 of this RFP. Service Provider should be able to provide any additional TU & EU support within short notice but not exceeding two weeks. SAC also reserves the right to decrease or increase the numbers of TUs & EUs at any time.

5.8 Service Provider will ensure that the TU & EU Personnel deployed by him at SAC are available for the respective project work for the total duration of the contract and frequent changes of the personnel to be avoided.

5.9 There should not be any break in TU & EU Services provided due to absence of any personnel for a prolonged period. The Service Provider has to ensure suitable replacement at the earliest and within 7 days for the same.

5.10 Service Provider shall be responsible for the good conduct of the personnel employed by him. The Service Provider will be responsible for and liable to pay compensation for any damage or loss to the property of SAC as a result of negligence / carelessness of any of his employees. This amount shall be recovered from the payment due to the Service Provider.

5.11 SAC will not be responsible for any contingency arising out of the deployment of the Service Provider’s personnel in SAC premises. The Service Provider will be responsible for the safety of the deployed TU & EU Personnel. SAC shall not be responsible for any accident/injury/loss of life of Service Provider’s TU & EU Personnel due to natural calamities, accidents etc. The Service Provider shall submit an Indemnity Bond, indemnifying SAC/ISRO from any claims that may be filed by the staff deployed by the contractor, against accidents/loss/injury that may arise during their stay at SAC premises.

5.12 Service provider shall make his own arrangements for conveyance & other logistics requirements for TU & EU Personnel.

5.13 Service Provider is required to replace immediately or within 7 days, the TU & EU Personnel found unfit or unsuitable for the work assigned, during the tenure of the contract.

5.14 Service Provider and his employees shall abide by the security guidelines and rules followed in SAC from time to time. Whenever the Service Provider or his employees have to enter SAC, they should carry entry passes, issued by SAC & identity card provided by the service provider; and should produce the same as and when demanded. Their movement shall be restricted to only those places / Offices / laboratories where they are authorized to enter and work for the project by concerned SAC In-Charge.

5.15 Service Provider will be required to adhere by the law of the land, in writing, with respect to protection of employees' rights and benefits while servicing this Contract.

5.16 Service Provider will also be required to adhere by the **applicable statutory rules and laws of the land, laid down by Government of India and Government of Gujarat** regarding the wages, benefits and rights for these TU & EU Personnel like PF/ESI/Medical Insurance Contributions, monthly wage statement leave statement, income tax deductions etc. If required, SAC reserve the right to evolve a joint mechanism with the Service Provider for grievance redressal of TU & EU Personnel.

6.0 GENERAL TERMS AND CONDITIONS :

6.1 As regards the security of handling of material/equipment and sensitive data/ files at the system site, the arrangement will be worked out by SAC Contract-In-Charge. The TU & EU Personnel of Service Provider will strictly follow the procedures so worked out.

6.2 SAC reserves right to disqualify any of the Service Provider's TU & EU Personnel deployed for various reasons like technical incompetence, indiscipline, irregularity, insincerity, disobedience, doubtful credentials/ integrity etc.

6.3 INTELLECTUAL PROPERTY RIGHTS (IPR) : Work carried out by the Service Provider through his personnel will remain the sole property of SAC. Neither the Service Provider nor his personnel, carrying out the development work will claim any intellectual property rights on such works. The Intellectual property rights relating to the design, development, processes and other fabrication details given to and received from the Service Provider selected shall remain the exclusive property of SAC. Service Provider or Personnel deputed by the Service Provider at SAC shall make no attempt to unlawfully reveal, misuse or encroach upon the intellectual or private data/ information/ Computer systems at SAC to which they may have access to, as part of the work carried out.

6.4 CONFIDENTIALITY AGREEMENT : Service Provider & Personnel deputed by the Service Provider shall not reveal, divulge, transfer or disclose the information relating to the design, processes, fabrication procedures, product, quality control methods etc., that are exclusively provided by SAC for its (SAC's) own requirements, to any third party. Service Provider shall not, without prior written consent from SAC, use such information for any purpose other than for fulfilling obligations under the Contract to be placed. Service Provider & Personnel deputed by the Service Provider undertakes to restrict the access of non-Service Provider personnel and other customers/ visitors to their establishment, to any of the details of the job being performed under this Contract.

6.5 NON-DISCLOSURE AGREEMENT (NDA): Service Provider & Personnel deputed by the Service Provider shall maintain absolute secrecy and security of the drawings, process methods / documentation etc., provided by SAC for the purpose of design, fabrication and maintenance or stored on various computing systems at SAC. Service Provider shall return the original and copies of the same to SAC after completion of the work. The technical information / papers / drawings to be provided by SAC from time to time, are for the execution of this Contract only; and should not be used / copied / reproduced / published in any form or disclosed to third party, by the Service Provider or his personnel. Thus, the Service Provider is required to sign a Non-Disclosure Agreement (NDA) with SAC. Service Provider will also be responsible for any violation or infringement of NDA by his personnel.

6.6 FALL CLAUSE: The rates charged by the Service Provider for the TU & EU works, shall in no event exceed the lowest rates charged for the services of identical description, to any other party during the validity of the agreed rates. If, at any time during the said period, the Service Provider reduces the rates for the work to any other party, he shall forthwith notify such reduction of rates applicable to the undersigned and the rates payable under this contract for the services shall stand correspondingly reduced.

6.7 Under no circumstances shall the TU & EU Personnel deployed by Service Provider claim any right of employment, regular or otherwise, at SAC or ISRO/DOS and related establishments, during and after the end of the contract period. The scope of this Contract is restricted only to outsourcing of TU & EU services.

6.8 All other standard commercial terms and conditions of SAC/ISRO, Government of India for a tender of similar nature, shall also be applicable.

7.0 ARBITRATION IN CASE OF DIFFERENCES OF OPINION:

Any disputes that arise during the execution of contract will be mutually discussed and settled between SAC Contract-In-Charge and Service Provider. Any dispute that remains unresolved thereafter will be referred to a one man Arbitrator, appointed by Director, SAC, Ahmedabad in accordance with Arbitration & Conciliation Act 1996 as amended, whose decision shall be final and binding on both the parties.

8.0 DURATION OF CONTRACT:

8.1 Period of the Contract will be for One (01) year. The Contract may be extended on mutual consent, depending on the need and exigencies subject to the agreed quality of TU & EU Services and other applicable terms and conditions.

8.2 The performance of TU & EU Services will be reviewed for initial three months. Depending upon the performance assessment, TU & EU contract will be continued for the remaining period. In any case, SAC reserves the right to decide the contract period at the time of award of contract.

9.0 MONITORING AND TERMINATION OF CONTRACT:

9.1 SAC Contract-In-charge and SAC management shall carry out periodic reviews of the progress of the work at various stages during the contract duration. The Service Provider is required to provide all necessary information on this matter, as and when solicited by SAC.

9.2 SAC reserves the right to terminate the Contract or reduce the scope and number of deployed TUs & EUs any time within the Contract duration at short notice, if the Service Provider fails to provide satisfactory quality TU & EU Services or fails to comply with any of the clauses mentioned above and laid down in the contract.

9.3 SAC reserves the right to enter in to contract, with one or more TU & EU Service Providers, at any time during the period of this contract.

10.0 PAYMENT TERMS AND CONDITIONS:

10.1 Work / Services entrusted for the day shall be completed and logged by the respective TUs & EUs in the work register. On completion of the work/project, the signature of the concerned In-Charge shall be obtained in the work register itself. The Service Provider will submit consolidated bills for satisfactory service of work completed on Monthly Basis in terms of total gross TU & EU Rates, along with the attendance certificates.

10.2 Payment with respect to the contract, against the consolidated bills submitted, will be made for each month, based on the extent of TU & EU works satisfactorily carried out and the Job Completion Certificates/Voucher (JCV) issued by the respective Project-In-Charges for having satisfactorily carried out the assigned TU works. Individual JCVs for each TU & EU will be collected by the Service provider and a single consolidated bill should be submitted to SAC Accounts.

10.3 Only those taxes / duties / EPF / ESI / Administrative Charges etc. which are legally leviable are already mentioned in tender commercial offer, will be claimed by the Service Provider and paid by SAC. The taxes etc. as applicable on work contract in the state of Gujarat should be clearly accounted for. If this is not mentioned in tender price bid, no claim on these accounts would be admissible later.

10.4 Bills submitted by services providers should supported with documentary evidence in respect of statutory payments made by him to respective authorities towards PF, ESI, salary etc. while servicing this contract for each service units, which will be verified before release of payments.

10.5 The claims for reimbursement of EPF/ESI in respect of employer's contribution will be entertained only on production of original Challans thereof.

10.6 The Service provider is required to submit the documentary proof of remittance statement submitted to bank for depositing the amount to the individual account of each EUs & TUs, failing which the bills for subsequent periods will not be cleared and paid. The Service Provider shall invariably provide monthly salary slips to each EU & TU engaged by him.

10.7 Engineering & Technical Services units are required to work for entire duration of the month including Saturdays & Holidays, if called by respective in-charge. Engineering Service units are required to work in shifts on need basis and after office hours as well. These will be considered as a part of regular duties under contract and no extra payment will be made for the same. Not reporting for work will be considered as absence and further action may be taken.

10.8 Penalty Clause: If the Service Provider is not able to maintain continuity in each and every individual TU & EU Services in any month due to long absentees / attrition (persons leaving) etc. then penalty charge per absentee, equivalent to One (01) TU rate and One (01) EU rate, as the case may be, may be deducted from Service Provider's total payments for that month.

10.9 EARNEST MONEY DEPOSIT (EMD): An amount of Rs. 2,00,000/- shall be remitted by Account Payee DD / Fixed Deposit Receipt (FDR) in favour of Accounts Officer, SAC towards EMD along with quotation. Please note that without EMD, quotation will not be considered. EMD of successful bidder shall be adjusted as Security Deposit and the remaining amount of security deposit will be deposited by the SP. EMD of unsuccessful bidders will be returned after finalization of contract without any interest.

10.10 SECURITY DEPOSIT: An amount equivalent to 5% of annual contract value shall be remitted through Account Payee DD/Fixed Deposit Receipt (FDR) in favour of Accounts Officer, SAC as Security Deposit towards performance of contract. Security Deposit will be released only after satisfactory completion of the contract.

10.11 The Service Provider will be responsible for and liable to pay compensation for any damage or loss to the property of SAC as a result of negligence / carelessness of any of his employees. This amount may be deducted from the payments made at the end of that month.

10.12 Applicable Income Tax on the payment made to the service providers will be deducted or recovered at source on monthly basis as per Income Tax act.

10.13 ESI / EPF COVERAGE FOR EU / TU: The Service Provider shall comply with the statutory rules connected with Medical Insurance (ESI) and provident Fund (EPF) and should be registered with the concerned authorities. The Service Provider is also required to pay ESI & EPF contributions regularly and the proof of payment is required to be submitted along with the Original Challans/bills. No extra payments shall be made by SAC towards any other expenses incurred by the Service Provider.

11.0 SUBMISSION OF TECHNICAL-COMMERCIAL TENDER DOCUMENT

11.1 This is a single bid tender enquiry. The bidder should submit both the Technical and commercial details as enumerated in Annexure in a sealed cover within the due date specified. Each page of the bid document, including Annexures shall be duly signed and stamped by Service provider or authorized representative including all pages of RFP (as acceptance of SAC terms and Conditions) and sent to the following address:

Head, Purchase & Stores, Space Applications Centre,
Ambawadi Vistar P.O., Ahmedabad-380015.

11.2 The offer should be valid for a minimum period of 120 days from the due date of opening of the tender.

11.3 Corrections, if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is a difference between amounts quoted in words and figures, amount quoted in words shall only be considered.

11.4 Service Provider is required to give the name of Contact person from his side for all relevant communications/interactions regarding this contract. The authority of person signing tender offer, should be produced, if required.

11.5 Service Provider should provide along with the offer, the name of his bankers.

11.6 Late or delayed tender offers shall not be considered. Therefore, please ensure that the tender is posted well in time to reach us before the due date.

11.7 No conditional discounts and terms will be allowed.

11.8 Tender fee of requisite value shall be sent along with the tenders by Demand Draft in favour of Accounts Officer, SAC, Ahmedabad.

11.9 Tender bids shall be submitted as above without fail, on or before due date.

ANNEXURE-I

TECHNO-COMMERCIAL COMPLIANCE TABLE

Part A: TECHNICAL

The Service Provider should give relevant details wherever required in the following compliance table and NOT simply fill in the answers as "Yes" or "Complied". The Service Provider / Service Provider should also support the compliances by necessary documentary evidences along with the tender document, failing which the tender will not be considered.

Sr. No.	Description	Compliance Status & Remarks
1.	Has Service Provider submitted all technical literature/leaflets/documents/Purchase Orders etc. and compliance table along with the bid document? **(Pl. Refer sections 11.1)**	
2.	Does the Service Provider agree, in writing, to adhere by the applicable rules/laws of the land, laid down by Government of India and Govt. of Gujarat, with respect to protection of its employees' wages, benefits and rights like PF/ESI/Medical Insurance Contributions, monthly wage statement leave statement, income tax deductions etc. while servicing this contract ? **(Pl. Refer section 5.16)**	
3.	Is the Service Provider's offer valid for 120 days from the due date? **(Pl. Refer section 11.2)**	
4.	Has the Service Provider given the name of Contact person /contract manager from his side for all relevant communications/interactions regarding this contract? **(Pl. Refer section 11.4)**	
5.	Has the Service Provider provided the name of bankers ? **(Pl. Refer section 11.5)**	
6.	Is the Service Provider registered with **Govt. agencies** and in existence for a minimum of 3 years on the date of issue of this tender and have necessary experience in providing required Technical (TU) & Engineering Services (EU)? (Attach relevant P.O. copies, docs. etc.) **(Pl. Refer section 4.1)**	
7.	Does the Service Provider Own Establishment in Ahmedabad or within 50 kms. radius of Ahmedabad? Has Service Provider provided all local contact information ? **(Pl. Refer section 4.2)**	
8.	Whether the Service Provider's company has Minimum turnover of Rs.30 Lakhs per Year in the field of "Services" for at least last two (02) years ? Whether relevant documents, P.O. copies, service satisfaction certificates from the parties, and Income-Tax returns or Audited Financial statements of last three years with PAN or other relevant documents attached ? **(Pl. Refer section 4.3)**	

Sr. No.	Description	Compliance Status & Remarks
9.	Whether Service Provider has Min. existing technical staff (Engineers/technical) of atleast 10 (Ten) persons? Has Service Provider given details of all regular EUs working in his establishment ? **(Pl. Refer section 4.4)**	
10.	Whether the Service Provider has the minimum facilities related to Electronic test Equipments, Computer hardware & software etc. at his establishment, to support his technical staff of 10 persons ? **(Pl. Refer section 4.5)**	
11.	Has the Service Provider enclosed various necessary documents like latest copy of Registration details, income-Tax PAN No,, Service Tax No., Certification from reputed user agencies, ISO/High-level quality service certification in the relevant area, if available ? **(Pl. Refer section 4.6)**	
12.	Whether the Service Provider has given a declaration that it's company has not been banned, black-listed by any Govt. Dept./ Central Govt. /Public Sector Unit/Financial Institution/ Court? **(Pl. Refer section 4.6.1)**	
13.	Does Service Provider agree to visit by SAC Officers to his premises for verification of information related to work orders/space/manpower etc. and other infrastructure facilities ? **(Pl. Refer section 4.7)**	
14.	Does the Service Provider agree to SAC's right to accept or reject any offer, fully or partly without assigning any reasons, and also to spilt and enter into parallel Service Contracts with more than one Service Providers, if Required, under this RFP ? **(Pl. Refer section 4.8)**	
15.	Does the Service Provider agree to all the contract management terms and conditions mentioned in section 5 ? **(Pl. Refer sections 5.0)**	
16.	Does the Service Provider agree to fall clause and also bind his personnel, in writing, to the Intellectual Property Rights, Confidentiality and Non-Disclosure Agreement Clauses, under this contract?**(Pl. Refer section 6.0)**	
17.	Does the Service Provider agree to Arbitration clause, in case of any disputes arising related to this contract ? **(Pl. Refer section 7.0)**	
18.	Does the Service Provider agree to the minimum contract period of TWO years and extend this contract on mutual consent, depending on the need and exigencies, on the same terms and conditions? **(Pl. Refer section 8.0)**	
19.	Does the Service Provider agree to contract monitoring and termination clauses? **(Pl. Refer section 9.0)**	
20.	Does the Service Provider agree to SAC payment terms and conditions as mentioned ? Does he agree to Security Deposit and penalty clauses mentioned therein ? **(Pl. Refer all sections under 10.0)**	

ANNEXURE-II

Part B: (1) COMMERCIAL: - ENGINEERING SERVICES (EU)

The Service Provider should clearly mention all relevant details in the following table, as asked for. Conditional Offers are NOT allowed.

Sl. No.	Description	Amount/Month per EU (for EU up to 2 years experience) **(PRIME)** Rs.	Amount/Month per EU (for EU for more than 2 years experience) **(OPTIONAL)** Rs.	Remarks
1.	Amount payable to a EU inclusive of the employee's contribution towards EPF and ESI per month **(Should not be less than Rs. 13460 / month)**	**Rs.**	**Rs.**	**Service Provider is strongly advised to refer & strictly comply with sec. 5.16, 10.0 & 11.0. Service Provider to ensure Compliance as per Applicable Statutory rules/laws of land. Present rates EPF 12 % and ESI 1.75 %**
2.	Employer's contribution per month towards EPF @ 13.61% payable on Sl.No. 1 above **(Should not be less than Rs. 1832 / Month)**	**Rs.**	**Rs.**	**Claims are to be supported with documentary evidences in respect of EPF as per sec. 10.3 and 10.5 for Reimbursement**
3.	Employer's contribution per month towards ESI @ 4.75% payable on Sl.No. 1 above **(Should not be less than Rs. 639 / Month)**	**Rs.**	**Rs.**	**Claims are to be supported with documentary evidences in respect of ESI as per sec. 10.3 and 10.5 for Reimbursement**

4.	Administrative charges (including overheads / profit etc.)	**Rs.**	**Rs.**	**To be Clearly Specified by the Service Provider**
5	Total Cost per EU per month. (Excluding Service / Other taxes)	**Rs.**	**Rs.**	**(Summation of 1+2+3+4) to be Clearly Specified by the Service Provider**
6	Applicable Service / Other Taxes etc.	**Rs.**	**Rs.**	**(Provide % rate & break-up)**

Note: Ranking of the qualified bidders will be determined based upon the price quoted under the Prime column. SAC reserves the right to accept or reject the optional offer.

Date:

Place: **(Signature)**
Seal

Part B: (2) COMMERCIAL: - TECHNICAL SERVICES (TU)

The Service Provider should clearly mention all relevant details in the following table, as asked for. Conditional Offers are NOT allowed.

Sl. No.	Description	Amount/Month per TU (for TU up to 2 years experience) **(PRIME)** Rs.	Amount/Month per TU (for TU for more than 2 years experience) **(OPTIONAL)** Rs.	Remarks
1.	Amount payable to a TU inclusive of the employee's contribution towards EPF and ESI per month **(Should not be less than Rs. 9,049 / month for TU)**	**Rs.**	**Rs.**	**Service Provider is strongly advised to refer & strictly comply with sec. 5.16, 10.0 & 11.0. Service Provider to ensure Compliance as per Applicable Statutory rules/laws of land. Present rates EPF 12 % and ESI 1.75 %**
2.	Employer's contribution per month towards EPF @ 13.61% payable on Sl. No. 1 above **(Should not be less than Rs. 1,232 / month for TU)**	**Rs.**	**Rs.**	**Claims are to be supported with documentary evidences in respect of EPF as per sec. 10.3 and 10.5 for Reimbursement**
3.	Employer's contribution per month towards ESI @ 4.75% payable on Sl. No. 1 above **(Should not be less than Rs. 430 / month for TU)**	**Rs.**	**Rs.**	**Claims are to be supported with documentary evidences in respect of ESI as per sec. 10.3 and 10.5 for Reimbursement**
4.	Administrative charges (including overheads / profit etc.)	**Rs.**	**Rs.**	**To be Clearly Specified by the Service Provider**

5	Total Cost per TU per month. (Excluding Service / Other taxes)	**Rs.**	**Rs.**	**(Summation of 1+2+3+4) to be Clearly Specified by the Service Provider**
6	Applicable Service / Other Taxes etc.	**Rs.**	**Rs.**	**(Provide % rate & break-up)**

Note: Ranking of the qualified bidders will be determined based upon the price quoted under the Prime column. SAC reserves the right to accept or reject the optional offer.

Date:

Place: **(Signature)**
Seal

GOVERNMENT OF INDIA
INDIAN SPACE RESEARCH ORGANISATION
SPACE APPLICATIONS CENTRE
AHMEDABAD-380 015.

(INDIGENOUS)

INSTRUCITONS TO TENDERERS & TERMS OF TENDER

1. Tenders should be sent in sealed envelopes super scribing the relevant tender No. and the due date of opening. Only one tender should be sent in each envelope.

2. Late/Delayed tenders will not be considered.

3. Sales tax and/or other duties/levies where legally leviable and intended to be claimed should be distinctly shown separately in the tender.

4. As a Government of India Department. This office is exempted from payment of Octroi and similar local levies. Tenderers shall ensure that necessary exemption certificates are obtained by them from the purchase officer concerned to avoid any payment of such levies.

5. (a) Your quotation should be valid for 120 days from the date of opening of the tender.

   (b) Prices are required to be quoted according to the units indicated in the annexed tender form. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.

6. Preference will be given to those tenderers offering supplies from ready stock and on the basis of FOR destination/delivery at site.

7. (a) All available technical literature catalogues and other data in support of the specification and details of the items should be furnished along with the offer.

   (b) Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of non-acceptance of tender, the tenderer will have to remove the samples at his own expense.

   (c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.

   (d) Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any should be clearly indicated by the tenderer in their quotation. The tenderer should also indicate the Make/Type number of stores offered and provide catalogues, technical literature and samples, wherever necessary along with the quotations. Test Certificates wherever necessary should be forwarded along with supplies. Whenever options are called for in our specifications, wherever specifically mentioned by us, the tenderer could suggest changes to specifications with appropriate response for the same.

8. The Purchaser shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the tenderers shall supply the same at the rates quoted.

9. Corrections, if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail.

10. The tenderer should supply along with his tender, the name of his bankers as well as the latest income-tax clearance certificate duly countersigned by the income-tax officer of the circle concerned under the seal of his office, if required by the Purchaser.

11. The Purchaser reserves the right to place order on the successful tenderers for additional quantity upto 25% of the quantity offered by them at the rates quoted.

12. The authority of the person signing the tender, if called for should be produced.

TERMS AND CONDITIONS OF CONTRACT

1. Definitions:

(a) The term 'Purchaser' shall mean The President of India or his successors, or officials authorized to sign contracts on his behalf.

(b) The term 'Contractor' shall mean, the person, firm or company with whom or with which the order for the supply of stores is placed and shall be deemed to include the Contractor's successors, representatives, heirs, executors and administrators, unless excluded by the contract.

(c) The term 'Stores' shall mean, what Contractor agrees to supply under the contract as specified in the Purchase Order including erection of plants and machinery and subsequent testing, should such a condition be included in the Purchase Order.

(d) The term 'Purchase Order' shall mean, the communication signed on behalf of the Purchaser by an Officer duly authorized intimating the acceptance of the terms and conditions mentioned or referred to in the said communication accepting the Tender or offer of the Contractor for supply of stores or plant, machinery or equipment or part thereof.

2. Prices:

Tenders offering firm prices will be preferred. Where a price variation clause is insisted upon by tenderer, quotations with a reasonable ceiling should be submitted. Such offers should invariably be supported by the base price taken into account at the time of tendering and also formula for any such variations.

3. Security Deposit:

On acceptance of tender, the Contractor shall, at the option of the Purchaser and within the period specified by him deposit with him in cash or in any other forms as the Purchaser may determine, security deposit not exceeding ten percent (10%)of the value of the contract as the Purchaser shall specify. If the Contractor is called upon by the Purchaser to deposit security and the Contractor fails to provide the security within the period specified, such failure shall constitute a breach of the Contract and the Purchaser shall be entitled to make other arrangements for the re-purchase of the stores contracted for at the risk of the Contractor in terms of sub-clause (ii) and (iii) of clause 10(b) here-of and/or to recover from the Contractor damages arising from such cancellation.

4. Guarantees and Replacement:

a) The Contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance.

b) For a period of twelve months after the acceptance of the stores, if any defects are discovered therein or any defects therein found to have developed under proper use arising from faulty stores, design or workmanship, Contractor shall remedy such defects at his own cost provided he is called upon to do so within in what respect the stores or any part thereof are faulty.

c) If in the opinion of the Purchaser, it becomes necessary to replace or renew any defective stores such replacement or renewal shall be made by the Contractor free of all costs to the Purchaser provided the notice informing the Contractor of the defect is given by the Purchaser in this regard within the said period from the date of acceptance thereof.

d) Should the Contractor fail to rectify the defects, the Purchaser shall have the right to reject or repair to replace at the cost of the Contractor the whole or any portion of the defective stores.

e) The decision of the Purchaser, not withstanding any prior approval or acceptance or Inspection thereof on behalf of the Purchaser, as to whether or not the stores supplied by the Contractor are defective or any defects have developed within the said period of 12 months or as to whether the nature of the defects renewal or replacement, shall be final, conclusive and binding on the Contractor.

f) To fulfill the guarantee conditions outlined in clause 4 (a) to (e) above, the Contractor shall, at the option of the Purchaser, furnish a Bank Guarantee (as prescribed by the Purchaser) from a Bank approved by the Purchaser for an amount equivalent to 10% of the value of the contract along with first shipment documents. On the performance and completion of the contract in all respects, the Bank Guarantee will be returned to the Contractor without any interest.

g) All the replacement stores shall also be guaranteed for a period of 12 months from the date of arrival stores at Purchaser's site.

h) Even while the 12 months guarantee applies to all stores in case where greater period is called forth by our specifications then such a specification shall apply, in such cases the period of 14 months referred to in Para 4 (b) & (c) shall be 'asked for' guarantee period plus two months.

5. <u>Packing Forwarding & Insurance:</u>

The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by rail, road, sea or air, to withstand transit hazards and ensure safe arrival at the destination. The packing and marking of the packages shall be done by and at the expense of the Contractor. The Purchaser will not pay separately for transit insurance, all risks in transit being exclusively of the Contractor and the Purchaser shall pay only for such as are actually received in good conditions, in accordance with the contract.

6. <u>Dispatches:</u>

The Contractor is responsible for obtaining a clear receipt from the Transport Authorities specifying the goods dispatched. The consignment should be dispatched with clear Railway Receipt/Lorry Receipt. If sent in any other mode, it is at the risk of the Contractor. Purchaser will take no responsibility for short deliveries or wrong supply of

goods when the same are booked on 'said to contain' basis. Purchaser shall pay for only such stores as are actually received by them in accordance with the contract.

7. Test Certificate:

Whenever required, test certificates should be sent along with the dispatch documents.

8. Acceptance of Stores:

a) The Contractor shall tender the stores for inspection at such places as may be specified by the Purchaser at the Contractor's own risk, expenses and cost.

b) It is expressly agreed that the acceptance of the stores contracted for is subject to final approval by the Purchaser, whose decision shall be final.

c) If in the option of the Purchaser all or any of the stores that do not meet the performance or quality requirements specified in the Purchaser order, they may be either rejected or accepted at price to be fixed by the Purchaser and his decision either reject or accept at price to be fixed by the Purchaser and his decision as to rejection and the price to fixed shall be final and binding on the Contractor.

d) If the whole or any part of the stores supplied are rejected in accordance with Clause No. 8 (c) above the Purchaser shall be at liberty, with or without notice to the Contractor, or to purchase in the open market at the expense of the Contractor, stores meeting the necessary performance and quality contracted for in place of those rejected, provided that either the purchase, or the agreement to purchase, from another supplier is made with six months from the date of rejection of the stores as aforesaid.

9. Rejected Stores:

Rejected stores will remain at destination at the 'Contractor' risk and responsibility. If instruction for their disposal are not received from the Contractor within a period of 14 days from the date of receipt of the advice of rejection, the Purchaser or his representative has, at his descretion the right to scrap sell or consign the rejected stores to Contractor's address at the Contractor's entire risk and expense, freight being payable by the Contractor at actual.

10. Delivery:

a) The time for and the date of delivery of the stores stipulated in the Purchase Order/Contract shall be deemed to be the essence of the contract, and delivery must be completed on or before the specified dates.

b) Should the Contractor fail to deliver the stores or any consignment there of within the period prescribed for such delivery, the Purchaser shall be entitled at his option either.

c) To recover from Contractor as agreed liquidated damages and by way of penalty , a sum of 2% of the price of any stores which the Contractor has failed to deliver as aforesaid, for each month or part of a month, during which the delivery of such stores may be in arrears , or (ii) to purchase elsewhere, without notice to the Contractor on the account and at the risk of the Contractor, the stores not delivered or others of a similar description (where others exactly complying with the particulars are not, in the opinion of the Purchaser readily procurable such opinion being final) without canceling the contract in respect of the consignment (s) not yet due for

delivery or (iii) to cancel the contract or a portion thereof and if so desired, to purchase or authorize the purchase of stores not so delivered of others of similar description (where others exactly complying with the particulars are not, in the opinion of the Purchaser readily Procurable, such opinion final) at the risk and cost of the Contractor.

In the event of action being taken under sub clause (ii) & (iii) of clause 10 (b) above, the Contractor shall be liable for any loss which the Purchaser may sustain on that account, provided that the re-purchase or, if there is an agreement of repurchase that such agreement is made within six months from the date or such failure. But the Contractor shall not be entitled to any gain on such repurchase made against default. The manner and method of such repurchase shall be at the discretion of the Purchaser whose decision shall be final. It shall not be necessary for the Purchaser to serve a notice of such repurchase on the defaulting Contractor. This right shall be without prejudice to the right of the Purchaser to recover damages for breach of Contract by the Contractor.

11. Extension of time:

As soon as it is apparent that contract dates cannot be adhered to, an application shall be sent by the Contractor to the Purchaser. If failure, on the part of the Contractor to deliver the stores in proper time shall have arisen from any cause which the Purchaser may admit as reasonable ground for an extension of the time (and his decision shall be final) he may allow such additional times as he considers it to be justified by circumstances of the case without prejudice to the Purchaser's right to recover liquidated damages under clause 10 hereof.

12. Erection of Plant & Machinery:

Where erection of a plant or machinery is the responsibility of the Contractor as per the terms of the contract and in case the Contractor fails to carry out the erection as and when called upon to do so within the period specified by the Purchaser, the Purchaser shall have the right to get the erection done through any source of his choice. In such an event, the Contractor shall be liable to bear any additional expenditure that the Purchaser is liable to incur towards erection. The Contractor shall, however, not be entitled to any gain due to such an action by the Purchaser.

13. Payment:

Contractor's bill will be passed for payment only after the stores have been received, inspected and accepted by the Purchaser.

14. Mode of Payment:

Normally payment will be made for the accepted stores within 30 days from the date of receipt of the materials.

15 . Recovery of Sums Due:

Whenever any claim for payment of, whether liquidated or not, money arises out of or under this contract against the Contractor, the Purchaser shall be entitled to recover such sum by appropriating, in part or whole the security deposited by the Contractor, if a security is taken against the contract. In the event of the security being insufficient or if no security has been taken from the Contractor, then the balance or the total sum recoverable, as the case may be, shall be deducted from any sum then due or which at any time thereafter may become due to the Contractor under this or any other contract

with the Purchaser, should this sum be not sufficient to cover the full amount recoverable, the Contractor shall pay to the Purchaser on demand the remaining balance due. Similarly, if the Purchaser has or makes any claim, whether liquidated or not against the Contractor under any other contract with the Purchaser the payment of all money payable under the contract to the Contractor including the security deposit shall be with-held till such claims of the Purchaser are finally adjudicated upon and paid by the Contractor.

16. <u>Indemnity:</u>

The Contractor shall warrant and be deemed to have warranted that all stores supplied against this contract are free and clean of infringement of any Patent, copyright or trademark and shall at all times indemnify the Purchaser against all claims which may be made in respect of the stores for infringement of any right protected by patent. Registration of design or Trade mark and shall bear all risk of accidents or damage which may cause a failure of the supply from whatever cause arising and the entire responsibility for the sufficiency of all the means used by him for the fulfillment of the contract.

17. <u>Arbitration:</u>

In the event of any question, dispute or difference arising under these conditions contained in the purchase order or in connection with this Contract, (except as to any matters, the decision of which is specifically provided for in these conditions) the same shall be referred to the sole arbitration of the Sr. Head, Purchase & Stores or of some other person appointed by him. It will not be a point of objection that the arbitrator is a Government, servant, that he had to deal with matter to which the contract relates or that in the course of his duties as a Government servant he has expressed views on all or any of the matters in dispute or difference. The award of the arbitrator shall be final and binding on the parties of this contract.

It is a term of this contract:-

a) If the arbitrator be the Head of the Purchaser's Office.

   I. In the event of his being transferred of vacating his office by resignation or otherwise, it shall be lawful for his successor-in-office either to proceed with the reference himself, or to appoint another person as arbitrator, or
   II. In the event of his being unwilling or unable to act for any reason, it shall be lawful for the Head of Purchaser's Office to appoint another person as arbitrator, or

b) If the arbitrator be a person appointed by the Head of the Purchaser's Office:
   In the event of his dying, neglecting to act, or resigning or being unable to act, for any reason, it shall be lawful the Head of the Purchaser's Office either proceed with reference himself or to appoint another person as arbitrator in place of the outgoing arbitrator.

   Subject to as aforesaid, the arbitration Act, 1940 and the rules thereunder and any statutory modification thereof for the time being in force shall be deemed to apply to the arbitration proceeding under this clause. The Arbitrator shall have the power to extend with the consent of the Purchaser and the Contractor the time for making and Publishing the award. The venue of arbitration shall be the place as the Purchaser in his absolute discretion may determine. Work under the contract shall, if reasonably, possible, continue during Arbitration Proceedings.

18. Counter Terms and Conditions of Suppliers:

Where counter terms and conditions/printed or cyclostyled conditions have been offered by the supplier, the same shall not be deemed to have been accepted by the Purchaser unless specific written thereof is obtained.

19. Security of Purchaser's Materials:

Successful tenderer will have to furnish in the form of a bank guarantee or in any other form as called for by the Purchaser towards adequate security for the materials/property provided by the Purchaser for the due execution of the contract.

20. Jurisdiction:

The contract shall be governed by the Laws of India for the time being in force. The courts of Ahmedabad only shall have jurisdiction to deal with and decide any legal or dispute arising out of this contract.

21. Liquidated Damages:

If the Contractor fails to deliver the stores within the time specified in the contract or any extension thereof, the Purchaser shall recover from the Contractor as liquidated damages sum of one-half of one percent (0.5 percent) of the contract price of the undelivered stores for each calendar week of delay or part thereof. The total liquidated damages shall not exceed ten percent (10 percent) of the total contract price. Stores will be deemed to have been delivered only when all its component parts are also delivered. If certain components are not delivered in time, the stores will be considered as delayed until such time as the missing part are delivered.

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INSTRUCTIONS TO TENDERERS AND GENERAL TERMS AND CONDITIONS OF PURCHASE
(IMPORT)

1. INSTRUCTIONS TO TENDERERS.

1.1 The tenderers should submit quotations in duplicate in a sealed envelope, superscribing the Tender No. and due date of opening and complete in all respects with technical specifications, including pamphlets and catalogues.

1.2 A Proforma Invoice may also be given which should contain the following information: -

(a) The FOB/FCA Value, the C & F value for import by sea – freight / Air freight upto and for air parcel post upto AHMEDABAD should be separately indicated.

(b) Agency Commission : The amount of Commission included in the price and payable to the Indian Agents of the Contractor shall be paid directly to the Indian Agents by the Purchaser in equivalent Indian Rupees on the basis of an Invoice from him applying T.T. buying rate of exchange ruling on the date of placement of the Purchase Order and Which shall not be subject to any further exchange variations. This payment will be released to the Indian Agents within 30 days from the date of receipt and acceptance of stores.

(c) The Contractor shall invoice only for the net amount payable to him, after deducting the amount of Agency Commission included in the invoice which would be paid to the Indian Agents directly by Purchaser. However, the Contractor's invoice should separately reflect the amount of commission payable to his Indian Agent.

(d) The earliest delivery period and country of origin of the Stores.

(e) Name and address of the Contractor's Banker including Account No., SWIFT etc.

(f) The approximate net and gross weight and dimensions of packages/cases.

(g) Recommended spares for satisfactory operation for a minimum period of one year.

(h) Details of any technical service, if required for erection, assembly, commissioning and demonstration.

1.3 The FOB/FCA and C & F prices quoted should be inclusive of all taxes, levies duties arising in the tenderer's country.

1.4 The offer should be valid for a minimum period of 120 days from the due date of opening of the tender.

1.5 Samples, if called for, should be sent free of all charges.

1.6 Late tenders will not be considered. Quotations by fax must be followed by original signed offers.

1.7 Offers made by Indian Agents on behalf of their Principals should be supported by the Proforma Invoice of their Principal.

1.8 In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.

1.9 If an agent submits bid on behalf of the Principal/OEM , the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.

1.10 The details of Import Licence/OGL will be furnished in Purchase Order.

1.11 The authority of person signing the tender, if called for, shall be produced.

1.12 Instruction/operation Manual containing all assembly details including wiring diagrams should be sent wherever necessary in duplicate. All documents / correspondence should be in English language only.

1.13 The Purchaser reserves the right to accept or reject the lowest or any other offer in whole or in part without assigning any reason.

1.14 It is expressly agreed that the acceptance of the stores contracted for is subject to final approval in writing by the Purchaser.

1.15 (a) Part shipment is not allowed unless specifically agreed by us.
(b)As far as possible, stores should be dispatched by Indian Flag Vesssels/Air India or through an Agency nominated by us.

1.16 Inspection / Test Certificate should be provided for the goods after testing it thoroughly at the Contractor's works. If any inspection by Lloyds or any other testing agency is considered necessary. It shall be arranged by Contractor.

1.17 Where erection or assembly or commissioning is part of the contract is should be done immediately on notification. The Contractor shall be responsible for any loss/damage sustained due to delay in fulfilling this responsibility.

1.18 For items having shelf life, those with maximum shelf life should be supplied, if order is placed.

a) TERMS AND CONDITIONS:

2.1 Definitions:

(a) The term 'Purchaser' shall mean the President of India or his successors or assigns.

(b) The term 'Contractor' shall mean the person, firm or company with whom or with which the order for the supply of stores is placed and shall be deemed to

include the Contractor's Successors, representatives, heirs, executors and administrators unless excluded by the contract.

(c) The term 'Purchase Order' shall mean, the communication signed on behalf of the Purchaser by an officer duly authorized intimating the acceptance on behalf of the Purchaser of terms and conditions mentioned or referred to in the said communication accepting the Tender or offer of the Contractor for supply of stores or plant, machinery or part thereof.

(d) The term 'Stores' shall mean, what the Contractor agrees to supply under the contract as specified in the Purchase Order.

2.2 Prices :

Tenders offering firm prices will be preferred. Where a price variation Clause is insisted upon by a tenderer, quotations with a reasonable ceiling should be submitted. Such offers should invariably be supported by the base price taken into account at the time of tendering and also the formula for any such variations.

b) TERMS OF PAYMENT :

3.1 Being a Department of Government of India, the normal terms of payments are by Sight Draft, however, other terms of payment like establishment of Letter of Credit may be considered by the Purchaser on such terms and conditions as may be agreed upon.

3.2 The Sight Draft/Letter of Credit will be operative on presentation of the under mentioned documents:

(a) Original Bill of Lading/Airway Bill.
(b) Commercially certified invoices describing the Stores delivered, quantity, unit rate and their total value in triplicate. The invoice should indicate the discounts, if any, and Agency Commission separately.
(c) Packing List showing individual and weight of packages.
(d) Country of origin certificate in duplicate.
(e) Test Certificate.
(f) Declaration by the Seller that the contents in each case are not less than those entered in the invoices and the quality of the stores are guaranteed as per the specifications asked for by the Purchaser.
(g) Warrantee and Guarantee Certificated as per Clause 20.

4. IMPORT LICENCE:

Reference to Import Licence No. and date and contract number and date shall be prominently indicated in all the documents mentioned under para 3.2.

5. DEMURRAGE:

Supplier shall bear demurrage charges if any incurred by the Purchaser due to delayed presentation of shipping documents as prescribed in para 3.2 to the Bankers within reasonable time (say within 10-12 days) from the date of bill of

leading for sea consignment and within 3 to 4 days from the date of Air Way Bill for Air consignments.

6. ADDRESS OF INDIAN AGENT:

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7. GUARANTEED TIME OF DELIVERY:

The time for and the date of delivery stipulated in the Purchase Order shall be deemed to be the essence of the contract. Delivery must be completed within the details specified therein.

8. INSPECTION AND ACCEPTANCE TESTS:

8.1 The Purchaser's representative shall also be entitled at all reasonable times during manufacture to inspect, examine and test on the Contractor's premises the material and workmanship of all stores to be supplied under this contract and if part of the said stores being manufactured on other premises, the Contractor shall obtain from the Purchaser's representative permission to inspect, examine, and test as if the equipment were being manufactured on the Contractor's premises. Such inspection, examination and testing shall not release the contract or from the obligations under this contract.

8.2 For tests on the premises of the Contractor or any of his sub-Contractors the Contractor shall provide free of cost assistance, labour, materials, electricity, fuel and instruments as may be reasonably needed by the Purchaser's representative to carry out the tests efficiently.

8.3 When the stores have passed the specified test, Purchaser's representative shall furnish a certificate to this effect in writing to the Contractor. The Contractor shall provide copies of the tests certificates to the Purchaser as may be required.

9. MODE OF DESPATCH:

Generally, stores should be dispatched by Indian Flagged Vessel/Air India or through any other Agency nominated by the Purchaser. A copy of the invoice and packing list should invariably be kept inside each of the packages.

10. PORT OF ENTRY:

FOR AIR SHIPMENTS : Ahmedabad (Via Mumbai, if required)
FOR SEA SHIPMENTS : Nhavasheva/Mumbai Seaport.

11. PORT CONSIGNEE:

Sr. Purchase & Stores Officer, (Stores), SAC ---------- Ahmedabad.

12. ULTIMATE CONSIGNEE:

Sr. Purchase & Stores Officer, (Stores), SAC ---------- (India)

13. SHIPPING MARKS:

The marks on the shipping documents such as invoice, bill of lading and on the packages should be as follows:

PURCHASE ORDER NO.---------- DT.:

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE

DESTINATION ----------
PORT OF ENTRY ----------

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14. INSURANCE OF THE STORES:

The Purchaser or the Contractor shall be responsible for insuring the stores in accordance with the INCOTERMS applicable for the contract, wherever considered necessary. The Contractor shall however be responsible for notifying, to the Purchaser or the insurers nominated by the Purchaser, the complete details of the proposed shipments including the value of each shipment and other relevant data, immediately after shipment to enable the Purchaser or the insurers to arrange for the issuance of the insurance policy, if required. The necessity or otherwise of insurance will be as indicated in the purchase order.

15. CONTRACTOR'S DEFAULT LIABLITY:

15.1 Purchaser may upon written notice of default to Contractor terminate the contract in whole or in part in circumstances detailed hereunder:-

(a) If in the judgment of the Purchaser, the Contractor fails to make delivery of stores within the time specified in the contract agreement or within the period for which extension has been granted by the Purchaser to the Contractor.

(b) If in the judgment of the Purchaser the Contractor fails to comply with any of the other provisions of this contract.

15.2 In the event the Purchaser terminates the contract in whole or in part as provided in Clause 15.1 the Purchaser reserves the right to purchase upon such terms and in such a manner as he may deem appropriate stores similar to the terminated contract and Contractor shall be liable to the Purchaser for any additional costs for such similar stores and / or for liquidated damages for delay as defined in clause 19 until such reasonable time as may be required for the final supply of stores.

15.3 If the contract is terminated as provided in clause 15.1 the Purchaser in addition to any other rights provided in the article, may require the Contractor to transfer title and deliver to the Purchaser under any of the following cases in the manner and as directed by the Purchaser.

(a) Any completed stores.

(b) Such partially completed stores, drawing information and contract rights thereinafter called manufacturing material as the Contractor has specifically produced or acquired for the performance of the contract as terminated. The Purchaser shall pay to the Contractor the contract price for completed stores delivered to and accepted by the Purchaser and mutually agreed price for manufacturing materials delivered and accepted.

15.4 In the event the Purchaser does not terminate the contract as provided in clause 15.1 the Contractor shall continue the performance of the contract in which case be shall be liable to the Purchaser for liquidated damages for delay as set out in clause 19 until the stores are finally accepted.

16. REPLACEMENT:

If the stores or any portion thereof is damaged or lost during transit, the Purchaser shall give notice to the Contractor setting forth particulars of such stores damaged or lost during transit. The replacement of such stores shall be effected by the Contractor within a reasonable time to avoid unnecessary delay in the intended usage of the stores. The price of replacement items shall be borne by the Purchaser/Contractor in accordance with the delivery terms on the basis of the original prices quoted in the tender or as reasonably worked out from the tender. The import Licence / Customs clearance permit for the replacement, will be provided by the Purchaser.

17. REJECTION:

In the event that any of the stores supplied by the Contractor is found defective in material or workmanship or otherwise in not conformity with the requirements of the contract specification, the Purchaser shall either reject the stores or request the Contractor, in writing to rectify the same. The Contractor, on receipt of such notification shall either rectify or replace the defective stores free of cost to the Purchaser. If the Contractor fails to do so, the Purchaser may at his option either:

(a) replace or rectify such defective stores and recover the extra cost so involved from the Contractor or.
(b) Terminate the contract for default as provided under clause 15 above.
(c) Acquire the defective stores at a reduced price considered equitable under the circumstances. The provision of this article shall not prejudice the Purchaser’s rights under clause 19.

18. EXTENSION OF TIME/FORCE MAJEURE:

If the completion of supply of stores is delayed due to reasons of Force Majeure such as acts of god, acts of public enemy, acts of government, fires, floods, epidemics, quarantine, restrictions, and freight embargoes, the Contractor shall give notice within 15 days to the Purchaser in writing of his claim for an extension of time. The Purchaser on receipt of such notice after verification, if necessary, may agree to extend the contract delivery date as may be reasonable but without prejudice to other terms and conditions of the contract.

19. DELAY IN COMPLETION / LIQUIDATED DAMAGES:

If the Contractor fails to deliver the stores within the time specified in the contract or any extension thereof, the Purchaser shall recover from the Contractor as liquidated damages sum of one-half of one percent (0.5 percent) of the contract price of the stores for each calendar week of delay or part thereof. The total liquidated damages shall not exceed ten percent (10 percent) of the total contract price. Stores will be deemed to have been delivered only when all its component parts are also delivered. If certain components are not delivered in time, the stores will be considered as delayed until such time as the missing parts are delivered.

20. GUARANTEE & REPLACEMENT:

(a) The Contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance.

(b) For a period of 12 months after the acceptance of the stores, if any defects are discovered therein or any defects therein are found to have developed under proper use arising from faulty materials, design or workmanship, Contractor shall remedy such defects at his own cost provided he is called upon to do so within a period of 14 months from the date of acceptance thereof.

(c) Should the Contractor fail to rectify the defects, the Purchaser shall have the right to reject or repair or replace at the cost and risk of the Contractor the whole or any portion of the defective stores.

(d) The decision of the Purchaser, not withstanding any prior approval or acceptance or inspection thereof on behalf of the Purchaser, as to whether or not the stores supplied by the Contractor are defective or any defect has developed within the said period of 12 months or as to whether the nature of the defects requires renewal or replacement, shall be final, conclusive and binding on the Contractor.

(e) To fulfill guarantee conditions outlined in clause 20 (a) to (c) above, the Contractor shall at the option of the Purchaser, furnish a Performance Bank Guarantee (in the format enclosed) from a bank approved by the Purchaser for an amount equivalent to 10% of the value of the contract along with first shipment documents. On the performance and completion of the contract in all respects, the bank guarantee will be returned to the Contractor without any interest.

(f) All the replacement stores shall also be guaranteed for a period of 12 months from the date of arrival of stores at Purchaser's site.

(g) Even as the 12 months guarantee applies to all stores, in case where a greater period is called forth by our specifications then such a specification shall apply. In such cases the period of 14 months referred to in clause 20 (b) and (c) shall be the read as guarantee period plus two months.

21. REQUIREMENT OF ADDITIONAL NUMBERS OF THE STORES/SPARE PARTS ORDERED:

The Contractor shall also undertake the supply of additional number (Nos.) of items covered by the order as considered necessary by the Purchaser at a later date. The actual price to be paid shall be mutually agreed to after negotiations, if required.

22. PACKING:

(a) The Contractor wherever applicable shall pack and create all stores : for sea/air shipment as applicable in a manner suitable for export to a tropical humid climate, in accordance with internationally accepted export practices and in such a manner so as to protect the stores from damage and deterioration in transit by road, rail, air or sea for space qualified stores. The Contractor shall be held responsible for all damages due to improper packing.

(b) The Contractor shall ensure that each box/unit of shipment is legibly and properly marked for correct identification. Failure to comply with this

requirement shall make the Contractor liable for additional expenses involved to identity the shipments.

(c) The Contractor shall notify the Purchaser of the date of shipment from the port of embarkation as well as the expected date of arrival of such shipment at the designated port of arrival.
(d) The Contractor shall give complete shipment information concerning the weight, size, content of each packages, etc.
(e) Transshipment of equipment shall not be permitted except with written permission of the Purchaser.
(f) Apart from the dispatch documents negotiated through Bank the following documents shall also be air-mailed to the Purchaser within 7 days from the date of shipment by sea and within 3 days in case of air-consignments.
    (a) Commercial Bill of Lading/Air Way Bill/ post parcel Receipt (two non-negotiable copies)
    (b) Invoice (3 copies)
    (c) Packing List (3 copies)
    (d) Test Certificate (3 copies)
    (e) Certificate of origin

Contractor shall also ensure that one copy of the packing list is enclosed in each case.

23. ARBITRATION:

If at any time any question, disputes or differences whatsoever shall arise between the Purchaser and the Contractor upon or in connection with this contract, either party may forthwith give to the other notices in writing of the existence of such question, dispute or difference and the same shall be referred to the adjudication of two arbitrators. One to be nominated by Purchaser, other by Contractor and the third arbitrator shall be appointed by both the arbitrators, who shall be Chairman of the arbitration board. The arbitration shall be conducted in accordance with the rules and procedure of arbitration of the International Chamber of Commerce at Paris. The expenses of the arbitrators and umpire shall be paid as may be determined by them. However, the venue of such arbitration should be India.

24. LANGUAGE AND MEASURES:

All documents pertaining to the contract including specifications, schedule notices, correspondence, operating and maintenance instructions, drawing or any other writing shall be written in English language. The metric system of measurement shall be used exclusively in this contract.

25. IDEMNITY:

The Contractor shall warrant and be deemed to have warranted that all stores, supplied against this contract are free and clean of infringement of any patent, copyright or trademark and shall at all times indemnity the Purchaser against all claims which may be made in respect of the stores of infringement of any right protected by patent, registration of design or trade mark and shall bear risk of accidents or damage which may cause a failure of the supply from whatever cause arising and the entire responsibility for the sufficiency of all the means used by him for the fulfillment of the contract.

26. COUNTER TERMS AND CONDITIONS OF SUPPLIERS:

Where counter terms and conditions/printed or cyclostyled conditions have been offered by the Contractor, the same shall not be deemed to have been accepted by the Purchaser, unless specific written acceptance thereof is obtained.

27. SECURITY INTEREST:

On each items to be delivered under this contract, including an item of work in progress in respect of which payment have been made in accordance with the terms of the contract. Purchaser shall have a security interest in such items which shall be deemed to be released only at the time when the applicable deliverable item is finally accepted and delivered to the Purchaser in accordance with the term of the contract. Such security interest of the Purchaser shall constitute a prior charge as against any other charge or interest created in respect of such items by any other entity.

28. BANK CHARGES:

While the Purchaser shall bear the Bank Charges payable to his bankers (State Bank of India, ISRO Branch, Ahmedabad.) the Contractor shall bear the bank charge payable to his bankers including the charges towards advising amendment to LCs commissions, etc.

29. TRAINING:

The Contractor shall, if required by Purchaser, provide facilities for the practical training of Purchaser's engineering or technical personnel from India and for their active association and the manufacturing process throughout the manufacturing period of the contract stores, number of such personnel to be mutually agreed upon.

30. APPLICABLE LAW:

The contract shall be interpreted, construed and governed by the laws of India.

BANK GUARANTEE

(CLAUSE 20 (F) OF

P.0050-B refers)

Bank Guarantee No. Date:

Whereas M/s. ……(hereinafter called the Contractors) have entered into a contract with ……(hereinafter called the Purchaser) being contract No……dated ……..(of the purchase, for the supply of Stores for order value Rs……or equivalent foreign currency.

And whereas under the terms of contract, the Contractor is to furnish the Purchaser with a Bank Guarantee in the amount of ten percent(10%) of the total of the contract price for the due performance of the General terms and conditions of this order.

And whereas the Contractor has requested us (name of the Bank) having its registered office……..at to guarantee the due payment by the Contractor of the aforesaid amount to the Purchaser.

Not we (name of the Bank) hereby unequivocally and unconditionally to pay, within 48 hours, on demand, in writing from the Purchaser or any officer authorised by at in this behalf and without demut, any amount upto and not exceed Rs…….(in words)……..or equivalent foreign currency to the purchase on behalf of the Contractors.

This guarantee shall be valid and binding on us (name of the bank) for a period of 12 months from the date of which the Purchaser puts the stores into operation and shall not be terminable on affected by notice of any change in the constitution of the bank of the firm of Contractors or by any other reason whatsoever and our (name of the bank) liability hereunder shall not be impaired or discharged by any extension of time or variation or alteration made, given conceded, agreed by with or without knowledge or consent, by or between the parties to the said written contract.

Our (name of the Bank) liability under the guarantee is restricted to Rs……(in words)----------only / or equivalent foreign currency. Our guarantee shall remain in force till the expire of 12 (twelve) months from the date on which the Purchaser formally accepted the said equipment. Unless a suite or action to enforce a claim under this guarantee is filed against us within six months from the expire of the said 12 months all the rights of the Purchaser under this guarantee shall be forfeited and we shall be relieved and discharged from all liability there under.

In witness whereof we the (name of the bank) have executed this.

COMPLIANCE STATEMENT REQUIRED TO BE FILLED AND ENCLOSED ALONG WITH THE TECHNICAL AND COMMERCIAL BID BY THE VENDOR.

Sr. No.	Commercial terms	Compliance/Remarks/Comments by Vendor
1.	Delivery terms -Ex-works/FOB/ FCA etc.	
1.1	Purchaser is having an air consolidation contract and their freight forwarder will arrange to collect the consignment from your premises/will take the responsibility for onward transmission from the point of delivery as per INCOTERMS 2010. This is applicable for import cases.	
2.	Packing charges inclusive/exclusive.	
3.	Delivery period – in weeks/months	
4.	Payment terms : Our standard term is - Sight Draft (import) /within 30 days from the date of acceptance (indigenous).	
5.	Country of origin – to be declared in the invoice.	
6.	Name and address of the Indian Agent.	
7.	Percentage of agency commission included in the quoted price – payable in Indian Rupees only directly to the Indian Agent.	
8.	Validity of the offer- minimum of 120 days from the date of opening.	
9.	If you are an Indian Agent, please enclose the authorization letter of your Principal and confirm that whether you have enrolled with DGS&D as per rules.	
10.	In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.	
11.	If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.	
12.	Cost of spares included in the price bid not included.	
13.	Will you be able to provide consumables/spares for 10 years?	
14. 14.1 14.2 14.3 14.4	Taxes and duties : Taxes in India to the account of Purchaser. Outside India to Seller's/Contractor's account. Please indicate your Tax Registration Number. Wherever installation involved, Income Tax @ 2% will be deducted from the bill and a certificate issued. Installation in India will attract Service Tax @ 12.36%. If required, orders for supply and installation can be issued separately. Work order will attract work contract tax as per rules. Please confirm whether you have	

14.5 14.6 14.7 14.8	included WCT in your offer. Customs Duty Exemption Certificate (CDEC) will be issued by Purchaser. Hence no CD is to be included in your offer wherever applicable. Please indicate rate of the Sales Tax/VAT applicable. Octroi Duty/Entry Tax exempted. Exemption certificate will be issued, if required. Purchaser is eligible for full Excise Duty exemption. Excise Duty exemption certificate will be issued.	
15.	No Insurance is required at Purchaser's cost.	
16.	For two part bids two separate sealed envelops are to be sent duly superscribed as follows : 1. TECHNICAL & COMMERCIAL BID 2. PRICE BID Please refer instructions.	
17.	Wherever EMD/tender fee is payable – provide the same in the form of crossed Demand Draft in favour of The Accounts Officer, SAC, Ahmedabad along with the bid but in a separate cover or along with technical bid. On the back side of the D.D, please write your company's name.	
18.	Language to be used in all correspondence – English	
19.	Measurements – Metric system to be followed	
20.	Whether prequalification of your facility procedure completed (if applicable).	
21.	Warranty period – We need minimum 3 years from the date of acceptance. In case the product has a standard warranty of 1 year, confirm that additional 2 years warranty cost is indicated in the price bid/prices. However the warranty requirement if projected in RFP shall prevail.	
22.1	Defective/rejected items if any, are to be replaced free of cost.	
23.	Confirm whether you will be able to provide samples if called for, free of cost.	
24	Approximate weight (net and gross) of the consignment.	
25.	Instruction/operational manual to be supplied free of cost.	
26.	Supply and installation is subject to Purchaser's acceptance.	
27.	LC extension charges to your account, in case of delay from your side.	
28.	Items from latest production batch only are to be supplied.	
29.	Wherever Export Licence required, payment will be made after getting export licence and after confirmation by the supplier, with a copy of Export Licence.	
30.	Bank Guarantees (from Nationalised/	

30.1 30.2 30.2.1 30.3	Scheduled Bank/ Bank approved by Purchaser. Advance payment for the equal value valid till the completion of contract/acceptance, is to be provide by you. Towards issue of "Free Issue Material" by Purchaser for the value of the material issued, is to be provided. The Bill of material for the material used for the Fabrication work and available balance to be prepared by you and countersigned by the User Department is to be sent along with the final bill for arranging the balance/payment. Towards Performance of the Contract and Product for 10% value valid till the expiry of warranty period.	
31.	Security Deposit is to be submitted to SAC by the successful bidder (wherever applicable)on awarding the contract	
32.	Training – free of cost – to be imparted at Purchaser's site.	
33.	Bank charges wherever applicable shall be paid by Purchaser/Contractor to their respective Bankers.	
34.	Arbitration proceedings – Within India as per provisions of Arbitration and Conciliation Act 1996.	
35.	Liquidated Damages - @ 0.5% per week for the delayed portion – maximum 10% of the contract value.	
36.	Force Majeure conditions applicable?	
37.	Acceptance of Fall clause. "The rates as per the charges of the Contract should not in any event exceed the lowest rates, the supplier charge to any other party or organization. If at any time during the period of contract, the supplier reduce the charges to any other party, then they shall forth-with notify such reduction to Head, Purchase & Stores, SAC and reduce the contract rates subsequently, from the date of coming into force of such reduction" .	
38.	You are requested to indicate the registration number; you have for Sales Tax/Service Tax as the case may be with concerned Government authorities. Also you are requested to provide company registration details wherever applicable along with copy of the company registration certificate. The offers received without the above information will be summarily rejected.	

INSTRUCTIONS FOR TWO-PART TENDER

We are proposing to invite Tenders in Two Parts viz. Part I Technical and Commercial & Part II Price.

All Tenderers are requested to follow carefully the following instructions before preparing their offer.

I PART I : TECHNICAL & COMMERCIAL BID

Part – (a) Technical

i. This part should contain detailed specifications of the items quoted by you along with Technical literature and leaflets if any.

ii. A compliance statement showing the compliance of the item quoted by you with that of item tendered by us should be prepared and enclosed to this.

iii. Any other information called for in the tender related technical and specifications can also come in this part.

iv. Prices should not be indicated in this cover.

Part – (b) Commercial terms : (WITHOUT PRICES)

i. The commercial terms applicable for the item quoted by you should be indicated in this part.

ii. If any compliance statement is called for the commercial terms / contractual terms and conditions, the same is to be attached in this part.

iii. Prices should not be indicated in this part. However a copy of the price bid (without prices) can be enclosed in this part to enable to understand whether all the items required to be quoted by you have been quoted in the price bid. Alternatively a statement is to be made indicating that you have quoted prices for all the items as per the tender and enclosed in the Price Bid as per the format.

iv. The Commercial terms such as delivery terms, delivery period, payment terms, Warranty, validity of the offer, installation & commissioning, duties and taxes etc., shall come into this.

Note : 1. Either Technical Specifications or terms & conditions as above should be very clearly reflected item-wise with reference to the items called for in the tender.

2. Please note that the ***PRICE SHOULD NOT BE*** indicated in this part.

3. Technical and Commercial part as described above shall be prepared and put it in a sealed cover & super scribed and addressed as follows:

Tender No. :
Due Date :
PART I : <u>TECHNICAL & COMMERCIAL BID</u>

The Head Purchase & Stores
Space Applications Centre
Ambawadi Vistar P.O.
Ahmedabad – 380 053

From :

II PART II : PRICE BID

i. The prices applicable for the items, item-wise in response to the tender shall come into this part.
ii. Tenderer shall indicate very clearly item-wise prices with reference to their technical offer.
iii. Price part prepared as above shall be enveloped and superscribed as follows:

Tender No. :
Due Date :
PART II : <u>PRICE BID</u>

The Head Purchase & Stores
Space Applications Centre
Ambawadi Vistar P.O.
Ahmedabad – 380 053

From :

III The Technical & Commercial envelope (Part I) and Price cover (Part II) prepared as above along with 'Tender fee cover' (if applicable) should be inserted in another envelope and superscribed as follows:

Tender No. :
Due Date :
<u>PART I & PART II ARE INDIVIDUALLY SEALED AND KEPT INSIDE :</u>
(DD towards Tender fee also is kept inside)

The Head Purchase & Stores
Space Applications Centre
Ambawadi Vistar P.O.
Ahmedabad – 380 053

From :

Important Note:

Being a Two-Part Tender, fax quotations will not be accepted. Please ensure your offers are received by mail before due date and time.

In case you are going to download the documents from our website and submitting the offer, you are requested to submit the DD towards Tender fee <u>in a separate cover</u> along with a covering letter duly superscribing on the cover "Tender fee in respect of File No. _____".

Quotations submitted contrary to above instructions are liable to be rejected.